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Lancaster Farming

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Robert Harnish, Millersville RD1, has a very comprehensive conservation program on his farm. His father, Huber, became one of the county's earliest conservation farmers in the late 30's when he started planting in contour strips.

Conservation Case History No. 3

Harnish Likes Both Terraces, No-Till

(Editor's Note: This continues a series on conservation farmers in Lancaster County)

Robert G. Harnish and his father, Huber Harnish, have developed a very comprehensive conservation farming operation, and they say they wouldn't want to farm any other way. The elder Harnish is retired now, but he was one of the first Lancaster County farmers to farm with contour strips. The strips, which were laid out in the late 1930's, were in use until 1966. That year, Robert Harnish not only bought a no-till planter, he also installed diversion terraces and grass waterways on his corn acreage.

"My father went to strips because we did have a terrible erosion problem," Harnish recalled this week in the kitchen of the family's 19th century farmhouse. "We had gullies that actually had to be filled in before we could harvest the fields. Some of our land has a 15 percent slope, but the strips stopped the erosion problem. We rotated corn, wheat and hay, and had very little runoff."

Harnish said the move to diversion terraces was prompted by a desire to grow more corn. "Corn is a more valuable crop," he said. "At least it was back then. With terraces, we felt we'd be able

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FARM TRENDS

by Dick Wanner

Commonwealth Farmers Announce Planting Intentions

Pennsylvania farmers plan to plant more land to corn, oats and soybeans, but the same amount to barley in 1974 as they did in 1973. The acreages actually planted to these crops may differ from current intentions. Shortages of seed, fuel, fertilizer or money, as well as the usual uncertainties of the weather and economic conditions could move farmers to change their plans between now and planting time.

Corn and oats acreages are both expected to be up

(Continued on Page 18)

Moore Tells Cattle Group . . .

Cattlemen Optimistic, But Costs Going Up

Record livestock prices have not impressed many cattle feeders simply because costs moved right along up with prices. Even so, Lou Moore told a group of about 150 cattlemen on Tuesday, giant Midwestern feedlots keep expanding. "A few years ago, 50 percent of the country's beef came from just one percent of our feedlots. Today, 65 percent of the beef comes from one percent of the feedlots."

Moore, a Penn State extension economist, was speaking at a day-long program for cattle feeders at the Farm and Home Center. He said in spite of the many factors which could cloud the outlook, both large and small feeders are optimistic about the future. Fuel and fertilizer shortages are potential threats to all of farming, Moore said. Feed prices could be boosted higher by a wheat drain. There's no end in sight to spiraling farm costs. "What happens if we get a recession - or worse?" Moore asked the cattlemen. "What is the consumer going to be demanding?"

Inflation was seen as one of the worst of the farmer's enemies. "In 1974, inflation in this country was about 10 percent. If that rate keeps up, our currency seven years from now will be worth exactly half what it is today."

Moore said the country came close to a recession in the last quarter of 1973, when a growth rate of only one percent was experienced. He added that if unemployment rises this year, demand for beef will drop.

"The first quarter of this year should be pretty good, though," Moore commented, "because supplies are going to be five to six percent lower than they were last year. But those prices may drop after April as we get more fat cattle on the market."

(Continued On Page 32)

Bulletin

Ivan Yost, Christiana RD1, has been named Pennsylvania's Outstanding Young Farmer by the Pennsylvania Jaycees it was learned this week as Lancaster Farming was going to press. Yost was sponsored by the recently formed Octorara Jaycee chapter, and he was scheduled to pick up his award in Valley Forge today, Saturday, at noon.

Pork Meet Examines Grade, Yield Potential

"Grade and yield marketing is for the man who wants to get paid for producing top quality hogs. If a producer has nothing to offer but average, run-of-the-mill hogs, grade and yield isn't for him," Howard Sparlin told a New Holland Young Farmer meeting on Tuesday night in the Garden Spot vo-ag classroom. Sparlin is a marketing representative for Pennsylvania Farmers Association. He buys hogs and sells them on a grade and yield basis to a local packer.

Sparlin said that there are a number of ways to set up a grade and yield system. PFA uses a letter and number designation to determine the baisis for payment. Al is the very top category, and Sparlin said only five percent of all the hogs in the whole country would ever grade Al. The "A" stands for muscling quality and the "1" stands for backfat thickness. The packer bases his yield determination on the percentage of lean cuts in an individual carcass. Any yield of 53 percent would be classified "1", 50 to 52 percent gets a "2",

(Continued On Page 23)

County FFA officers elected this week were, front row, left to right, Don Weaver, vice-president; Barry Wissler, president; Jeff Glackin, recording secretary; Dwight Houser, treasurer; Bob Buckwalter, sentinel. Back row, Gerald Phillipps, advisor; Nelson Martin, chaplain; Brian Ober, corresponding secretary; Dwight Martin, parlimentarian; and Kevin Rohrer, reporter. See story on page 22

Local Livestock Market, Auction News

Lancaster Market

Monday, January 28

	Cattle	Calves	Hogs	Sheep
Today	648	148	708	142
Last Mon.	665	100	726	186
Last Year	599	106	535	169

CATTLE: Compared to last Wednesday, slaughter steers mainly 1.50-2.50 higher, with Standard and low-Good 50-1.00 higher; cows 1.00-1.50 higher; bulls strong to 1.00 higher with yield grade 2 at full advance. Supply included 580 in afternoon auction.

SLAUGHTER STEERS: High-Choice and Prime 1175-1325 lb. 49.50-51.50; Choice 950-1300 lb. 48.50-50.85, couple lots yield grade 3-4 47.75-47.85; high-Good and low-Choice 46.75-49.00; Good 44.00-47.50, few Standard 39.85-42.75.

SLAUGHTER HEIFERS: Few Good 800-1000 lb. 39.75-40.85, one lot Choice 43.10.

COWS: Utility and high-dressing Cutter 35.00-37.00; Cutter 33.50-36.25.

BULLOCKS: Choice 900-1200 lb. 45.50-47.10, couple 47.35-48.75; Good 42.00-45.50.

BULLS: Yield grade 1 1100-1800 lb. 45.50-47.85, few 48.00-48.75, couple 2005-2170 lb. 48.35-49.00; yield grade 2 1000-1500 lb. 43.60-45.50.

VEAL CALVES: Vealers mostly steady, instances 2.00 lower on Prime.

VEALERS: Prime 78.00-82.00; Choice 70.00-78.00; Good 60.00-68.00; Standard 52.00-60.00.

RETURNED TO FARM: Few 90-120 lb. Holstein heifers 70.00-80.00; bulk 90-120 lb. bull calves 55.00-65.00, few 70.00.

SHEEP: Wooled lambs strong to 50 higher.

WOOLED LAMBS: Choice 65-105 lb. 40.00-42.00; Good 60-100 lb. 35.00-40.00.

Peoria Cattle

Thursday, January 31

CATTLE: Receipts this week 4200, compared to last week 5804, and to last year 4962. Compared to last weeks close, slaughter steers were uneven, steady to 1.00 higher. Slaughter heifers steady to 50 higher. Cows strong to 50 higher. Bulls steady.

SLAUGHTER STEERS: Choice and Prime 1175-1300 pounds yield grade 3-4, 46.00-48.00; up to 50.00 Monday. Couple loads 1410-1500 4-5, 43.00. Choice 950-1250 2-4, closed 46.50-49.00; Six loads early 50.00-51.00. Mixed Good and Choice 900-1300 45.50-46.50. Good 44.00-45.50; Few Standard and Good Holsteins 43.50-43.75; load 1460 42.50.

SLAUGHTER HEIFERS: Choice and Prime 1000-1050 pounds yield grade 4-5, 45.00-45.25; Monday, grade 3-4, up to 48.00. Choice 800-1100 2-4, closed 45.50-47.00. Load 47.50; Early, three loads 49.00-49.50. Mixed Good and Choice 750-1100 44.00-46.00. Good 40.00-44.00.

COWS: Utility and Commercial 26 00-32.00. High dressing Utility 32.50-33 50, few 33.75. Cutter 25.00-30 50 Canner 22 50-25.00.

BULLS Yield grade 1-2. 1100-1800 pounds 30.00-40.00. Individual grade 1, 42.00.

Vintage Auction

Tuesday, January 29

	Cattle	Calves	Sheep
Today	989	484	13
Last Tues.	778	518	13
Last Year	829	598	16

CATTLE: Compared to last Tuesday, slaughter steers 1.00-2.00 higher; cows 50-1.00 higher, instances 2.00 higher on Utility; bulls 1.00-2.00 higher.

SLAUGHTER STEERS: High-Choice and Prime 1100-1450 lb. 50.00-51.75, few 52.00-52.85; Choice 950-1400 lb. 48.50-51.60, few 51.85-52.50; high-Good and low-Choice 46.50-48.00; Good 950-1450 lb., mainly Holsteins, 44.00-47.00, few 1550-1800 lb. 42.00-44.60; Standard and low-Good 41.50-44.00.

COWS Utility and high-dressing Cutter 33.50-37.00, few 37.00-38.50; Cutter 33.00-35.50; Canner and low-Cutter 29.50-33.00.

BULLOCKS: Choice 900-1250 lb. 44.75-47.50, couple 48.00-48.60; Good 42.25-44.75.

BULLS: Yield grade 1 1150-1750 lb. 45.50-48.60, few 49.00-49.85, individual 1920 lb. 55.75; yield grade 2 1000-1500 lb. 41.75-45.75.

VEAL CALVES: Vealers 1.00-2.00 higher, instances 4.00 higher on Prime.

VEALERS: Prime 79.00-83.00, few 83.50-85.00; Choice 70.00-79.00; Good 60.00-70.00; Standard 47.00-59.00; Utility 90-120 lb. 41.00-50.00, 65-85 lb. 38.00-45.00.

RETURNED TO FARM: Bulk 100-125 lb. Holstein heifers 61.00-66.00, 29 head 80-95 lb. 79.00-81.00; bulk 100-125 lb. bull calves 65.00-72.50, one lot 25 head 110-115 lb. 61.00.

SHEEP: Insufficient volume for a market test.

New Holland Dairy Auction

Wednesday, January 30

Reported receipts of 142 cows, three bulls. Market stronger than last week's market.

Load Maryland cows, springers 630-770.

Load New York State cows, fresh 500-820.

Herd dispersal of 40 head from Chester County, all stages of production 365-860.

Herd dispersal of 50 head from Maryland, all stages of production 305-810.

Locally consigned cows, 350-800.

Bulls 355-535.

Lebanon Valley Livestock

Tuesday, January 29

Cattle 301

Compared with last Tuesday's market, slaughter steers grading Standard & Good 75 cents to $1.75 higher. Slaughter cows 50 cents to $1 higher. Slaughter bullocks grading Standard & Good 50 cents to $1.75 higher. Individual Choice slaughter steer at 49.10, Good 45.10-48.00, couple to 48.60, Standard 43.10-44.50, few Utility 40.25-42.25. Few Good & Choice slaughter heifers 42.75-43.75, few Standard 41.25-43.00. Utility & High Dressing Cutter slaughter cows 34.75-36.85, Cutters 33.50-35.00, Canners 30.50-33.75, Shells down to 28.00. Good slaughter bullocks 44.85-47.00, Standard 43.10-44.10, Utility 40.50-42.50. Yield Grade 1-2 1400-1750 pounds slaughter bulls 43.00-46.00, individual at 46.85.

Calves 198

Vealers mostly $1 to $4 higher; Holstein heifers $20 lower. Few Choice vealers 72.00-75.00, few Good 64.00-69.00, few Standard 60.00-63.00, Utility 90-120 pounds 41.00-53.00, 70-85 36.00-40.00. Farm calves, Holstein bulls 90-130 50.00-76.00; Holstein heifers 90-140 60.00-75.00.

Sheep 19

Few Good 70-130 pounds wooled slaughter lambs 35.00-39.50. Utility Slaughter ewes 10.00-12.00.

Local Grain

Thursday, January 31

These prices are made up of the average prices quoted by five participating local feed and grain concerns. It should be noted, however, that not every dealer handles each commodity. All prices are per bushel except ear corn which is per ton.

The average local grain prices quoted Thursday, January 31, 1974, are as follows:

	Bid+	Offered+
Ear Corn, New	67.00	75.00
Shelled Corn	3.00	3.20
Oats, Local	1.27	1.81
Oats, Western	2.02	2.18
Barley	2.50	2.75
Wheat	4.58	4.68
Soybeans	5.68	5.90

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

Lancaster Auction

Wednesday, January 30

	Cattle	Calves	Hogs	Sheep
Today	914	51	560	25
Last Wk.	749	98	574	22
Last Yr.	869	81	369	19
Wed.'s Auc.	916	47	607	25
Last Wed.'s Auc.	561	97	654	22

CATTLE: Compared to Monday, slaughter steers 1.00-1.50 lower; cows mostly steady; bulls and bullocks fully steady.

SLAUGHTER STEERS: High-Choice and Prime 1175-1400 lb. 48.60-49.85, small lot 1430 lb. 48.10; Choice 950-1350 lb. 47.50-50.00, couple 50.85-52.10; high-Good and low-Choice 46.00-48.50; Good 43.00-47.00; Standard and low-Good 39.85-43.35, one lot 38.85.

SLAUGHTER HEIFERS: Choice 850-1000 lb. 43.10-44.00, couple 45.60-47.00; Good 38.50-42.50; Standard 36.50-39.00.

COWS: Utility and high-dressing Cutter 34.50-37.00, couple 38.00; Cutter 33.50-36.00.

BULLOCKS: Choice 45.25-47.25, few 48.25-48.85; Good 42.00-44.50.

BULLS: Yield grade 1 1200-1800 lb. 45.00-47.75, few 48.00-49.85; yield grade 2 1000-1500 lb. 42.75-45.00.

VEAL CALVES: Small supply vealers 1.00-2.00 higher.

VEALERS: Prime 80.00-84.50, few 85.00-86.00; Choice 70.00-80.00; Good 62.00-68.00; Utility 90-120 lb. 43.00-53.00.

SHEEP: Couple lots Choice 97-111 lb. wooled lambs fully steady at 39.00-40.50.

New Holland Horse Auction

Monday, January 28

Reported receipts of 726 head of horses, mules and ponies. Market lower than last week's market, and a record low for the New Holland horse auction.

Load North Carolina riding horses 150-260. Load North Carolina work horses 330-510.

Load Ohio riding horses 135-275.

Load Kansas riding horses 140-400.

Load Tennessee riding horses 230-335. Load Tennessee work horses, pairs 810-1150.

Load Virginia riding horses 175-450. Load Virginia work horses 410-600.

Load Tennessee riding horses 195-325.

Local work horses, 310-670, 670-1180 pairs; mules 165-480; driving horses 150-405; riding horses 160-220; better horses 245-500.

Lightweight killers 16-18; heavyweight killers 20-23.

Mare ponies 15-35; colts 6-10; geldings 15-30; larger ponies 45-75.

New Holland Auction

Thursday, January 31

	Cattle	Calves	Sheep
Today	579	390	0
Last Thurs.	701	452	21
Last Year	679	379	0

CATTLE: Compared to last Thursday, the sharply reduced receipts of slaughter steers sold 1.00-2.00 higher; cows 1.00-2.00 higher; bulls mostly steady.

SLAUGHTER STEERS: Choice 950-1300 lb. 48.50-51.75, around 10 head 52.00-52.50; high-Good and low-Choice 46.50-48.75; Good 43.75-46.50; Standard 41.00-43.50.

COWS: Utility and high-dressing Cutter 35.50-37.60, few 38.00-38.25; Cutter 34.00-36.75; Canner and low-Cutter 32.00-34.50.

BULLOCKS: Choice 900-1250 lb. 45.75-48.25, couple 49.00-49.75; Good 42.25-46.00.

BULLS: Yield grade 1 1100-1600 lb. 45.25-47.10, couple 47.75-48.85; yield grade 2 1000-1500 lb. 42.25-45.00.

VEAL CALVES: Vealers uneven, Choice and Prime 8.00-10.00 higher, Standard and Good 3.00-6.00 higher, with Utility about steady.

VEALERS: Prime 87.00-92.00, few 93.00-94.00; Choice 78.00-88.00; Good 65.00-78.00; Standard 55.00-64.00; Utility 90-120 lb. 40.00-46.00, 65-85 lb. 37.00-40.00.

SHEEP: None.

Monday, January 28, 1974

Calf Receipts 66.

Choice and Prime 78-84; Good and Low Choice 65-78; Standard 50-60; Common 30-45.

HAY MARKET

Monday, January 28, 1974

89 loads of hay and 26 loads of straw sold as follows: (prices per ton)

Alfalfa 41.00-75.00; Timothy, few loads 36.00-46.00; Mixed Hay 31.00-66.00; Hay 32.00-74.00; Clover, few loads 41.00-49.00; Straw 37.00-48.00; Ear Corn, 3 loads 73.00-74.50.

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Composite Report

Weekly, February 1

	Cattle	Calves
This Week	3400	1100
Last Week	3431	1167
Last Year	3191	1169

CATTLE: Slaughter steers uneven, bulk of the week's trading 1.00-2.00 higher, although Wednesday only strong to 1.00 higher; cows closed the week 1.00-2.00 higher; bulls and bullocks fully steady. Supply included an estimated 40 per cent slaughter steers, 30 per cent cows, 15 per cent bulls, with the balance mainly feeder steers.

SLAUGHTER STEERS: High-Choice and Prime 1100-1450 lb. 49.50-51.75; Choice 950-1300 lb. 48.50-51.75, around 25 head 52.00-52.85; high-Good and low-Choice 46.50-48.50; Good 43.75-47.00, few 1550-1800 lb. 42.00-44.50; Standard and low-Good 39.85-43.50.

SLAUGHTER HEIFERS: Choice 850-1000 lb. 43.10-44.00, couple 45.60-47.00; Good 38.50-42.50; Standard 36.50-39.00.

COWS: Utility and high-dressing Cutter 35.00-37.50, few 37.50-38.50; Cutter 33.00-36.50; Canner and low-Cutter 29.50-33.50.

BULLOCKS: Choice 900-1250 lb. 44.75-47.50, few 48.00-49.75; Good 42.00-44.50.

BULLS: Yield grade 1 1100-1800 lb. 45.00-48.50, few 48.75-49.85, individual 1920 lb. 55.75; yield grade 2 1000-1500 lb. 41.75-45.00.

VEAL CALVES: Vealers 1.00-2.00 higher, with closing sales as much as 10.00 higher.

VEALERS: Prime 80.00-85.00, with closing sales at 87.00-92.00, few 93.00-94.00; Choice closed at 78.00-88.00; Good 65.00-78.00; Standard 55.00-64.00; Utility 90-120 lb. 40.00-46.00; 65-85 lb. 37.00-40.00.

RETURNED TO FARM: Bulk 100-125 lb. Holstein heifers 61.00-66.00, 29 head 80-95 lb. 79.00-81.00; bulk 100-125 lb. bull calves 65.00-72.50, one lot 25 head 110-115 lb. 61.00.

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HOG PRICES

Lancaster Market

Monday, January 28

HOGS: Barrows and gilts mostly 1.00 lower.

BARROWS AND GILTS: US 1 190-240 lb. 44.50-45.00; US 1-2 190-240 lb. 43.75-44.25; US 2-3 190-255 lb. 43.25-43.75; US 3-4 240-280 lb. 42.00-43.00

Vintage Auction

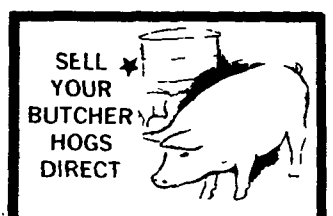
Saturday, January 26

HOGS 1048: Compared with last Saturday's market. Barrows & Gilts weak to $1 lower. US No. 1-2 195-235 lbs. 44.00-44.75, No. 1-3 190-240 lbs. 43.00-43.85, No. 2-3 185-275 lbs. 41.50-43.35, No. 2-4 125-175 lbs. 35.00-40.00.

SOWS: US No. 1-3 295-535 lbs. 34.25-35.75, individual at 39.00, US No. 2-3, individual 655 lbs. at 32.60. Boars 31.00-34.85, Light Weights 37.85-40.25.

Wednesday, January 30

HOGS 500: Compared with last Wednesday's market. Barrows & Gilts steady to 25 cents lower. US No. 1-2 200-240 lbs. 44.75-45.25, No. 1-3 200-250 lbs. 44.00-45.00, US No. 1-3 Sows 300-575 lbs. 31.00-33.00. Boars 30.00-31.00, Light Weights 32.00-36.00.



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Leb. Valley Auction

Tuesday, January 29

Hogs 445

Barrows & Gilts steady to 25 cents lower. US 1-3 195-240 pounds barrows & gilts 43.75-44.60, 2-3 195-250 43.00-43.60. US 1-3 and 2-3 300-500 sows 33.00-35.00. Boars 29.00-32.00.

Feeder Pigs 17

Few lots US 1-3 20-30 pounds feeder pigs 15.50-19.00 per head.

Lancaster Auction

Wednesday, January 30

HOGS: Barrows and gilts 50-1.00 higher.

BARROWS AND GILTS: US 1 210-240 lb. 45.50-45.60; US 1-2 200-240 lb. 45.00-45.25; US 2-3 195-250 lb. 44.50-45.00.

New Holland Auction

Monday, January 28

HOGS 1611: Compared with last Monday's market.

Barrows & Gilts: Mostly steady to 25 cents lower.

US No. 1-2 200-240 lbs. 44.25-46.25; US No. 1-3 200-250 lbs. 43.75-44.25; US No. 2-3 230-270 lbs. 40.00-44.25; US No. 2-4 160-190 lbs. 42.00-44.25.

Sows: US No. 1-3 300-575 lbs. 32.00-38.00

Boars: 28.00-38.00

St. Louis Auction

ST. LOUIS HOGS: 4500.

Barrows and gilts steady to 50 higher.

BARROWS AND GILTS: US 1-2, 150 head, 200-230 lb. 41.75-42.00; US 1-3 200-250 lb. 41.00-41.50.

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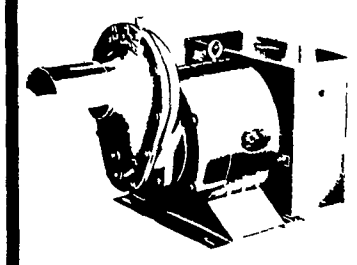

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Peoria Auction

PEORIA HOGS: 1500.

Barrows and gilts opening mostly steady.

BARROWS AND GILTS: US 1-2 200-230 lb. 41.50-42.00; about 30 head at 42.25; US 1-3 200-240 lb. 40.50-41.50.

Indianapolis Auction

INDIANAPOLIS HOGS: 1500.

Barrows and gilts steady to 50 higher.

BARROWS AND GILTS: US 1-2 200-230 lb. 42.00; 21 head at 42.50; US 1-3 200-240 lb. 41.25-42.00.

New York Dressed Meats

Thursday, January 31

Daily distributive - less than carlot meat trade.

Compared with Wednesday: Prices unchanged for all fresh meats. However, meat wholesalers confronting very poor movement and struggling to realize dollar returns in line with up trend particularly for railstocks. Uncertainties regarding transportation of meats has created some talk that several New York operators cannot afford to remain open after Friday unless some guarantee for delivery next week will be forthcoming in the meantime.

Steer Beef

Prime 600-900 pounds 78.00-80.00; Choice 600-700 77.50-79.00; 700-800 77.00-79.00; 800-900 77.00-78.00; Good 500-800 75.50-77.00.

Heifer Beef

Choice 500-700 pounds 74.00-76.00.

Calf

150-350 pounds

Choice 97.00-104.00; Good 86.00-96.00; Standard 82.00-86.00.

Veal

Choice 90-150 pounds 114.00-120.00; Good 60-90 105.00-112.00; Standard 60-120 85.00-90.00.

Lamb

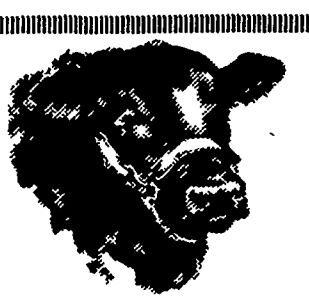
Choice and Prime 30-55 pounds 85.00-87.00; 55-65 82.00-84.00.

Choice Beef Cuts

Hinds (steer) 145-190 pounds 88.00-92.00; Arm Chucks 90-105 72.00-75.00; Ribs (7-rib) 34-40 80.00-90.00; Loins (trmd) 50-70 102.00-105.00; Rounds (steer) 70-95 88.00-90.00; Full Plates 50.00-51.00; Hinds (heifer) 120-170 87.00-90.00.

Fresh Pork Cuts

Loins (regular) 8-14 pounds 83.00-86.00; 14-17 80.00-84.00; Picnics (regular) 4-8 56.00-58.00; Boston Butts 4-8 67.00-70.00; Spareribs 3 pounds down 80.00-85.00; Hams (skinned) 14-17 73.00-75.00; 17-20 67.50-71.00.



If you have fat cattle or need feeders . . .

THINK NEW HOLLAND

BEEF SALES

MONDAY 2:30 P.M.
THURSDAY 12:30 P.M.

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NEW HOLLAND SALES STABLES, INC.

Phone 717-354-4341

Abe Diffenbach, Manager
Field Representatives - Bob Kling 717-354-5023
Luke Eberly 215-267-6608

Oklahoma City

Thursday, January 31

Estimated Receipts 7,700
Same day last week 8,410
Same day last year 8,318

Moderately active, compared to late last week, feeder steer calves and feeder steers over 750 pound 50 cents to 1.00 higher; feeder steers 500-750 50 cents to 1.00 lower; feeder heifer calves 1.00-2.00 higher; feeder heifers 50 cents to 1.00 higher; majority receipts Good and Choice 400-850 pound steers and 350-650 pound heifers including liberal numbers arriving from wheat pastures; moderate attendance buyers.

FEEDER STEERS: Choice, few Prime 300-400 pound 60.25-65.00; 400-500 56.75-61.00; 500-600 51.75-55.00, two small lots 495-500 56.40-56.90; 600-700 50.25-53.75; 700-800 49.00-52.60; 800-960 48.00-50.80; Mixed Good and Choice 300-500 51.75-59.75; 500-700 47.75-52.25; 700-910 44.75-47.50; Good 500-655 45.00-49.75.

HOLSTEIN STEERS: Good 643-945 pound 42.80-45.25.

FEEDER HEIFERS: Choice, few Prime 300-400 pounds 49.50-55.60; 400-500 47.00-50.30; 500-600 46.50-48.80; 600-750 45.50-49.30; mixed Good and Choice 300-500 45.25-49.00; 500-700 44.00-46.00; few Good 440-575 41.25-43.00.

For the week: Compared to late last week, feeder steer calves and feeder steers over 750 pound 50 cents to 1.00 higher; feeder steers 500-750 pound 50 cents to 1.00 lower; feeder heifer calves 1.00-2.00 higher; feeder heifers 50 cents to 1.00 higher. Slaughter cows mostly 1.50-2.25 higher;

Green Dragon Hay

Friday, January 25

103 loads hay including: Alfalfa 55.00-81.00, individual at 95.00; Timothy 31.00-46.00; Mixed hay 31.50-51.00, seven loads 59.00-76.00; Clover, few loads 34.00-56.00; Stubble hay, two loads 30.50 and 40.00.

47 loads straw 42.00-51.00.

Corn, eight loads 70.00-78.50.

Soybeans, one load $5.25 per bushel.

Futures Trading

(Closing bids as of Thursday, January 31)

	Cattle Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
February	49.00	44.55		62.80
March			10.05	58.00
April	53.20	45.05	11.40	53.50
May			12.92	49.00
June	54.45	48.55		48.75
July		48.85		50.50
August	53.40	47.75		
Sept.				58.00
October	52.30	46.50		
November			6.28	
December	52.12	46.50		

Trend — Cattle are Lower, Hogs are Lower, Potatoes are Lower and Eggs are Steady.

a-asked b-bid n-normal

Markets provided by Commodity Dept., Reynolds Securities, Inc.

Omaha Cattle

Thursday, January 31

Despite a midweek sag, closing prices on slaughter steers and heifers were 1.00-2.00 higher than the full close of the preceeding week. Cows closed 50 cents lower and bulls weak. The feeder supply was hardly sufficient to afford a good test of the trade.

Four day receipts 18,500 as compared 25,600 previous week and 15,700 a year ago. Slaughter steers approximately 45 percent, heifers 32 percent, overall finish attractive although many carrying considerable mud. Cows 12 percent, feeders 5 percent.

Fed cattle prices continued to follow a very erratic pattern with wide day-to-day fluctuations. A Monday run of only 3300 sparked a sharp upturn in forced trading as buyers scrambled for numbers to meet immediate requirements, However, much of the advance on steers was lost as supplies expanded and there was a growing concern over the availability of transportation facilities for moving the finished product eastward, and particularly beyond Chicago.

STEERS: Forepart of week, moderate volume high-Choice and Prime 1058-1304 pounds yield grade 3-4 49.00-50.00, at midweek low time, same grade 1050-1225 48.00-48.50. Choice 1000-1300 grade 2-4 closed 47.00-48.00. Mixed Good and Choice 975-1225 46.50-47.25. Good 43.50-46.50. Standard and low-Good 42.00-43.50.

Average cost slaughter steers first three days 47.47 average weight 1148 pounds as compared 47.84 and 1150 pounds previous week and 40.62 and 1113 pounds a year ago.

HEIFERS: High-Choice and Prime 951-1149 pounds yield grade 3-4 48.50-49.25 early. At midweek, same grades 47.50-48.25, load 1000 48.50. Choice 850-1050 grade 2-4 closed 46.50-47.75. Mixed Good and Choice 800-1000 45.50-46.50. Good 42.00-45.50. Standard and low-Good 40.00-42.00.

COWS: Utility and Commercial 29.00-31.50, few Utility dairybreds 31.75-32.00. Canner and Cutter 25.50-29.00, mixed Cutter and low-Utility 29.25-30.00.

BULLS: Yield grade 1&2 1400-1800 pounds 36.00-40.00, grade 1 41.00-41.50. Load Choice 1150 bullocks grade 1 & 2 41.50.

FEEDERS: Outshipments less than 1000 head, hardly sufficient to establish a reliable trend.

STEERS: Small volume high-Good and Choice 923-1089 48.00-49.00. Several loads mixed Good and Choice 904-1000 46.50-47.50.

HEIFERS: Load Good and Choice 782 pounds 44.50.

COWS: Part load Good and Choice 37.00.

Regional Hay Prices

Monday, January 28, 1974

(All hay No. 2 and better prices paid by dealers at the farm price per ton.)

Hay & Straw, slow steady to weak.

Alfalfa	60.00-65.00
Mixed Hay	40.00-50.00
Timothy Hay	30.00-40.00
Straw	35.00-38.00
Mulch	20.00-26.00

U. S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter Under Federal Inspection

	CATTLE	HOGS	SHEEI
Thurs., 1-31-74	118,000	239,000	34,00
Week Ago	121,000	323,000	38,00
Year Ago	112,000	260,000	36,00(
Week to Date	465,000	1,094,000	137,00(
Same Period Last Week	478,000	1,270,000	136.00(
Same Period Last Year	447,000	1,106.000	137,00

Poultry Market Reports

WEEKLY NEW YORK EGG MARKET

From Monday, January 28th to Friday, February 1st

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Fcy. Ex. Lge.	76	76	76	74	74
Large	76	76	76	74	74
Mediums	74	74	74	72	72
Pullets	69	69	69	69	69
Peewees	50	50	50	50	50
BROWN					
Fcy. Lge	81	81	81	81	79
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Lge.	71	71	71	69	69
Checks	50	50	50	50	50

Long Tone — Barely Steady.

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NEST RUN EGGS

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradeable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	New Weight Per Case	Tuesday	Thursday
Extra Large	51 lbs.	0	0
Class 1 - Large	48 lbs.	70	68
Class 3 - Medium	42 lbs.	67	65
Class 4 - Small	39 lbs.	61	59
Breaking Stock	48 lbs.	63	63
Checks	48 lbs.	53	53

Baltimore Eggs

Wednesday, January 30

Market steady. Demand generally slow. Supplies ample.

Cartoned eggs: Prices to retailers, state graded (min one case sale) white

Grade A Large 83-89; mostly 83-85;

Grade A Medium 81-87; mostly 81-83.

Philadelphia Eggs

Wednesday, January 30

Prices unchanged. Cartoning demand fair though generally unaggressive. Offerings fully adequate though often confidently held pending outcome of expected transportation problems.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons, delivered: store door.

A Extra Large 81-82½; A Large 80-81½; A Medium 76-77½.

Fogelsville

January 29, 1974

(Prices paid dock weights cents per lb.)

Hens, light type 7-12; Hens, heavy type 10½-26, mostly 12-22; Pullets 24-33, mostly 27-29; Roasters 20-33, mostly 24-29; Capons 36½-40; Ducks 49-55; Drakes 45-65, mostly 51-55; Geese 52-53½; Turkeys-Toms 10-33; Rabbits 65-80, mostly 75-78; Pigeons (per pr.) 1.20-3.01.

Total coops sold 434.

Poultry received Monday 7 p.m. to 10:30 p.m. Tuesday 7 a.m. to 12 Noon. Sale at 11:30 a.m.

Directions — Take Rt. 22 thruway. Exit at Fogelsville exit. North on stoplight in Fogelsville, turn left, proceed 1 mile.

Dogs For Allies?

The Yanomamo tribes of Venezuela never openly admit a need for allies, because this implies a weakness To foster an alliance, they deal in trade items - dogs, pots, baskets - and rely on them to create bonds between giver and recipient.

NEW ENGLAND WEEKLY SHELL EGG REPORT

Tuesday, January 29, 1974

Prices paid per dozen Grade "A" brown eggs in cartons delivered to retail stores:

	EX LARGE	LARGE	MEDIUM	SMALL
MASS+	83-89	82-88	77-82	67-74
Mostly	84-86	83-85	78-80	68-71
N. H.	82-89	81-88	76-83	66-73
Mostly	84-85	83-84	78-79	68-69
R. I.	86-87	85-86	80-81	70-71
Mostly VERMONT	84-92	83-91	78-84	TFEWR
Mostly MAINE	84-86	83-85	78-80	68-70
Mostly				

For specific information on area prices within a state, please inquire at your local radio stations, newspapers, or from your State Department of Agriculture.

Delmarva

Wednesday, January 30

Broiler-Fryer Market

Ready to cook movement often generally uncertain in face of impending truck strike. Slaughter schedules irregular ranging about normal to curtailed. Tomorrow's slaughter expected to be light as processors await further transportation developments. Less than trucklot prices generally unchanged on both plant and US Grade A though in instances unconfirmed prices noted lower. Live supplies ample. Undertone very unsettled with advance interest taking a wait and see position.

Pool trucklot prices for Thursday arrival: US Grade A 39-46 mostly 39; Plant Grade 38-44 mostly 38.

Eastern Pa. & N.J.

Wednesday, January 30

Live Poultry

Eastern Pennsylvania and New Jersey live poultry report:

Prices steady on light type hens. Demand fair to good for limited offerings. Offerings of heavy type hens ample for fair call.

Prices paid at farm: light type hens 6-9; mostly 8-9 in Pa.; mostly 8-9 in N.J.

Heavy type hens TFEWR.

Inter-State Requests Extension of Order 4

Robert B. McSparran, Peach Bottom, announced Wednesday that local dairy farmers who are members of Inter-State Milk Producers' Cooperative, will have Dr. Paul E. Hand, economist, testify in their behalf through Pennmarva Dairymen's Cooperative Federation, at a Federal Milk Hearing on January 23, 1974, at the Holiday Inn, Allentown, Pa.

Local dairy leaders have requested an extension of Federal Milk Order 4 pricing area. McSparran, District 3 Director of Inter-State Milk Producers' Cooperative, asserted, "This will aid dairymen in the present and new area to improve their bargaining position, and to obtain uniform prices for their milk." For many dairymen not now shipping to Inter-State, or to other dealers under Order 4, it will mean increases in Class prices up to $10.78 per hundredweight, or 23.1 cent per quart. In addition, Hand will ask that the Class II price for milk be increased over $1.00 for products other than butter and powder. This action by Inter-State should add thousands of dollars in return to dairymen and should provide stable markets for the long-run future.

The newly proposed area to be added to Order 4 includes Philadelphia, Delaware, Bucks, Montgomery, Adams, Berks, Chester, Cumberland, Dauphin, Franklin, Fulton, Juniata, Lancaster, Lebanon, Lehigh, Northampton, Perry, and York Counties in Pennsylvania and Washington County, Maryland. (Philadelphia, Delaware, and parts of Bucks and Montgomery Counties are now in Middle Atlantic Milk Marketing Order area which also includes Southern New Jersey, Delaware, Eastern Maryland, and Northern Virginia.)

Inter-State represents some 2900 dairy farmers in Pennsylvania, New Jersey, Delaware, Maryland, Virginia, and West Virginia.

Program Initiated to Detect Possible Newcastle Disease

Pennsylvania Secretary of Agriculture Jim McHale announced the Commonwealth is cooperating with a recently developed nationwide program to detect possible outbreaks of exotic Newcastle disease among poultry and pet birds.

The program in Pennsylvania is in accored with plans developed by the USDA. In Pennsylvania the surveillance and investigation system is being set up by Dr. E. T. Mallinson, chief of the state Bureau of Animal Industry's Poultry and Health Division, and Dr. R. E. Yoxheimer, USDA Veterinary medical officer.

Both men will work with the poultry industry to obtain prompt and reliable information on poultry disease outbreaks.

All suspicious cases will be tested in the Department's Summerdale Diagnostic Laboratory. The Pennsylvania Agriculture Department has been testing for the disease since 1970 when exotic Newcastle disease was first recognized as a distinct, emerging threat.

The disease was brought into this country from imported birds and then spread to the commercial poultry industry in several states. It recently took a heavy economic toll of California poultry flocks before being eradicated at a cost of $50 million.

Dr. Mallinson said the surveillance program was initiated because of the possibility of exotic Newcastle disease being reintroduced into the United States.

Newcastle disease cannot be transmitted to humans.

Lancaster Farming

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Office: 22 E. Main St., Lititz, Pa. 17543
Record-Express Office Bldg.
Phone: Lancaster 717-394-3047
or Lititz 717-626-2191
Richard E. Wanner, Editor

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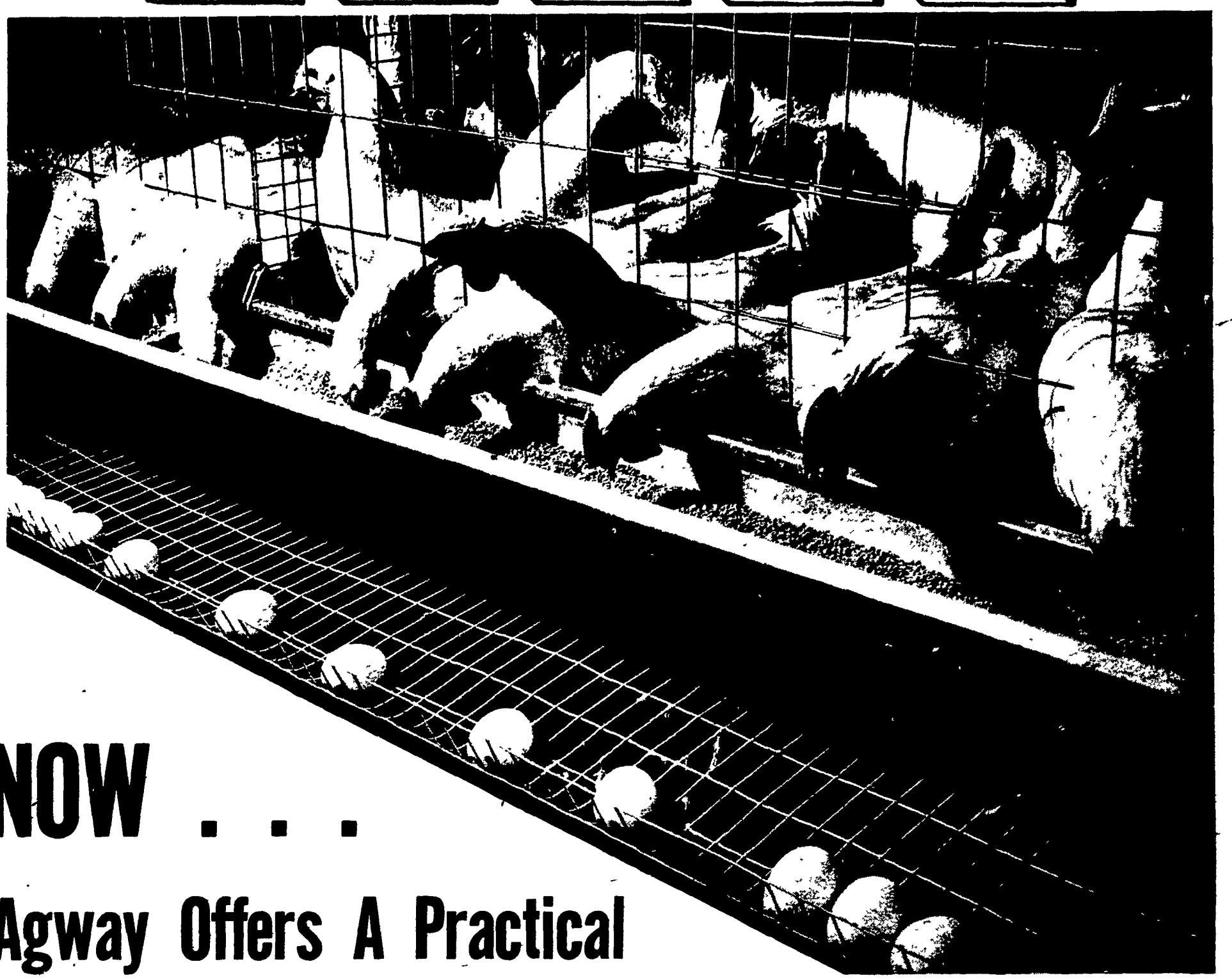

NOW . . .

Agway Offers A Practical Approach To The Problem Of Poor Shells

As every poultryman knows, the only egg that counts is the one that gets to market. Intact.

So, for several years, Agway has been researching ways to combat the problem of poor shells and their adverse effect on poultry income.

The result is Shell Firm™ - an Agway program recently introduced to the industry, where it is already proving exceptionally successful.

What is the Agway Shell Firm Program?

The Shell Firm program is designed to maximize egg production, reduce cracked eggs, and reduce losses from eggs that can't hold up through processing operations.

Of benefit in any egg producing enterprise, it is particularly recommended for use with high intensity flocks. No other program currently available for increasing egg production and reducing losses due to poor shells is as effective as the Shell Firm Program -- or costs the poultryman so little.

Four Steps Put You On The Program

Call your local Agway (listed below) to get in touch with a Poultry Enterprise Salesman. He'll explain the four-step Shell Firm Program . . . and he'll show you what Shell Firm has done for other poultrymen.

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Manheim
665-5001

HENRY B. HOOVER, INC.
Ephrata
733-6593

LANCASTER STORE
394-0541

THOUGHT FOR THE WEEK:

As important as knowing your business, is knowing what isn't.

NEW HOLLAND STORE
354-4526

QUARRYVILLE STORE
786-2126

SALUNGA STORE
898-2248
653-1864

THE OLD FARMER'S ALMANAC

FEB. 4-10, 1974

Beneath winter's snow the sweet turnip continues to grow.

Review your seed catalogs now . . . Tom Thumb marriage Feb. 10, 1862 . . . Full Snow Moon Feb. 6 . . . U.S. Weather Bureau founded Feb. 9, 1870 . . . Average length of days for week, 10 hours, 12 minutes . . .Penthouse blaze, Montgomery, Ala. Feb. 7, 1967 . . . 66 degrees below at Yellowstone Feb. 10, 1933 . . . "Our Town" opened in NYC Feb. 4, 1938 . . . A bad oyster, like marriage, is not known until too late.

Old Farmer's Riddle: What's the difference between here and there? (Answer below.)

Ask the Old Farmer: One William Cole is quoted in 1656 as saying that "if a footman take mugwort and put it into his shoes in the morning, he may go forty miles before noon and not be weary." What is mugwort? G.H., Erie, Pa.

A perennial herb, of Eurasian origin, though some varieties are found in America. It resembles wormwood, but we don't take a darn bit of stock in what Mr. Cole said.

Home Hints: To prevent scum from forming on leftover paint, place a disc of aluminum foil directly on its surface. Two level tablespoons of salad dressing in a cake mix keeps cake moist and not so crumbly. *Riddle answer.* The letter "T."

OLD FARMER'S WEATHER FORECASTS

New England: Mostly cloudy to start, then some rain or flurries; 2-4" snow latter part and very cold.

Greater New York-New Jersey: Intermittent rain at first, then rain occasionally mixed with snow; end of week partly cloudy with showers and very cold.

Middle Atlantic Coastal: Intermittent light rain and mild first part of week; end of week partial clearing and much colder.

Southeast Coastal-Piedmont: Rain to start, then clearing and warm; rain or scattered showers continuing to end of week.

Florida: Week begins mostly cloudy, then rain; rain continuing to end of week and cool.

Upstate & Western N.Y.-Toronto & Montreal: Snow to start, 2-4 in west and light snow in east; snow continuing to end of week with accumulation of 5-7" in west, 3-5" in east and 1-3" in northeast.

Greater Ohio Valley: Rain or freezing rain at first, then mild rain, end of week mostly sunny and cool in west and light rain and snow in east.

Deep South: Some rain to start, then partly sunny in south and central with rain in north; end of week rainy in south and clear elsewhere.

Chicago and Southern Great Lakes: Light snow to start, then clearing except flurries in west and 2-4" snow in east; cold snap latter part, then warmer with light snow.

Northern Great Plains-Great Lakes: Week begins cloudy in west with light snow in east and 2-4" snow in central, then clear and mild; end of week very cold with 2-4" snow in east, then warmer.

Central Great Plains: Clear and warm in south to start and flurries in north and east, then partly sunny and warm throughout region; end of week mostly sunny in east and south and cold with flurries in west.

Texas-Oklahoma: Generally clear and cool at first, then cloudy and warmer with rain along Gulf; end of week clear and warm in central, clearing and cool along Gulf and partly cloudy and cool in north.

Rocky Mountain Region: Light rain or freezing rain to start, then cloudy; clear and mild latter part.

Southwest Desert: Week begins clear and warm with highs in mid-70s, then partly cloudy; week ends mostly sunny with highs in mid-70s.

Pacific Northwest: Rain all week; temperatures cool at first, then gradually warming.

California: First part of week mostly sunny and warm in north and clear and very warm in south; week ends cloudy with rain in north and cloudy and cooler in south.

Sale Reports

Wenger's Farm Machinery, Inc.
Myerstown, Pa.
January 28 and 29
Farm and Industrial Equipment

Articles sold included 165 tractors, 55 trucks and trailers, 125 pieces of construction equipment, and hundreds of farm machinery items.

The highest bid was on a Case 2470, $22,700 to an Indiana dealer.

A 4-wheel drive white Plainsman tractor sold for $9600.00 to an Iowa dealer.

Two John Deere 4430 tractors went for $16,700 and $14,500 to an Iowa dealer.

An Indiana farmer purchased a new Oliver 1855 for $11,100.00.

All new tractors sold higher than list price. Most tractors went out of state, mostly to Texas.

Attendance: 1150 registered buyers, representing 25 states and Canada. Some states represented included Iowa, Minn., Ind., Colo., Tex., Me., Kan., S. Dakota, Mass., and Conn.

The sale was conducted by Midwest Auction Company of Grand Meadow, Minnesota, managed by Con Clement..

Auctioneers: R. D. McWhirter, Iowa; Con Clement, Minn.; Bruce Sampson, Ohio; John Conolly, N. C.; and Blaine Rensel, Penna. Lloyd Wenger, manager, Wenger's Farm Machinery, Inc.

Raymond Burkholder Sale
Kutztown, Berks Co.
January 29
Farm Equipment

Highest bidding was for an International 656 diesel tractor, p.s., with torque, w-snow plow for same, for $5600.00.

N.I. No. 325, 2 row, pull type corn husker went to the highest bidder at $2725.

Household Goods

Few household items were sold, highest bidding received on an enameled kitchen wood stove, $45.00.

Attendance: 300 plus, with most active bidding on Farm Equipment.

Auctioneers: Ralph W. Zettlemoyer.

Paul G. Shirk Sale
January 24
Grade Holstein
Dairy Cows

Highest bid for Holstein dairy cows brought $1,000.00; other Holsteins sold for $950, $930, $875, $895, $870, $760, $750, $710, $670, and $690.

Farm Machinery

A MF Super 90 Diesel and Int. 350 Utility brought the highest bidding on farm machinery. These tractors sold for $2075.00 and $3525.00.

Other machinery included: John Deere No. 24T Baler with Bale Injector, $1650.; New Holland 469 Haybine $2300.00; 540 PTO 2-Row Fox Harvester with Hay Pickup $1500.00; John Deere 10-ft. Culti-mulcher $950.00.

Attendance: Large crowd with active bidding on merchandise.

Auctioneers: Frank and Paul Snyder.

Paul Z. Martin
Sales Barn, Blue Ball
January 30
Horse Sale

115 head of draft horses and mules were sold at this sale. Highest bid was on a pair of mules for $1850. A second pair of mules sold for $1550.

High bid on single mules was $825.00, second high on single mules was $810.00.

Horses sold up to the high bid of $675.00, for single horses.

Attendance: Very large crowd, with active bidding.

Auctioneer: Paul Z. Martin.

Paul Z. Martin
Sales Barn
Blue Ball
January 30
Hay Sale

Hay was sold as follows: Alfalfa, up to $67.00 per ton; Mixed hay, up to $62.00 per ton; Straw, up to $46.00 per ton.

One load of corn sold for $69.00.

Attendance: Large crowd, active bidding.

Auctioneers: Sale managed by Harvey Z. Martin.

Pa. Auction Summary

Weekly Summary
19 Livestock Markets
Week Ending January 25

CATTLE 5481. Compared with 6255 head last week, and 5883 head a year ago. Compared with last week's market, slaughter steers mostly steady to 50 cents higher. Slaughter cows about steady. Slaughter bullocks 50 cents to $1 higher. Slaughter bulls 75 cents to $1.50 lower.

STEERS: High Choice & Prime 48.00-49.85, Choice 46.60-50.00, Good 43.00-46.50, Standard 39.75-44.00, Utility 36.25-41.50.

HEIFERS: Choice 42.50-45.00, few to 48.75, Good 40.00-42.75, Standard 37.80-41.40, Utility 36.00-39.50.

COWS: Utility & High Dressing Cutter 32.75-36.40, Cutters 30.75-34.00, Canners 29.25-32.50, Shells down to 25.00.

BULLOCKS: Choice 45.35-48.25, Good 43.50-46.50, Standard 40.75-44.35, Utility 37.75-41.40.

BULLS: Yield Grade 1-2 100-200 pounds 40.25-45.50.

FEEDER CATTLE: Good 300-800 pounds feeder steers 45.00-55.50, Medium 300-900 39.75-43.50; Good 300-500 feeder heifers 42.50-48.00.

CALVES 3589. Compared with 3744 head last week and 3658 head a year ago. Vealers steady to weak.

VEALERS: Prime 75.00-82.50, Choice 68.00-76.00, Good 60.00-69.50, Standard 51.00-63.00, Utility 90-120 pounds 40.00-50.00, 70-85 35.00-42.00. Farm calves active, Holstein bulls 85-120 44.00-71.00; Holstein heifers 85-145 46.00-110.00; few beef cross bulls & heifers 70-120 53.00-71.00.

HOGS 6522. Compared with 6754 head last week, and 5980 head a year ago. Barrows & Gilts uneven.

BARROWS & GILTS: US 1-2 205-240 pounds 44.60-45.50, 1-3 200-245 42.50-44.75, 2-3 190-240 41.50-43.00, 2-4 250-300 38.00-41.75.

SOWS: US 1-3 300-550 pounds 32.50-39.50, 2-3 300-550 30.00-34.00. Boars 26.50-33.25.

FEEDER PIGS 873. Compared with 1197 head last week, and 595 head a year ago. US 1-3 20-35 pounds feeder pigs 13.50-27.50 per head, 1-3 35-50 18.00-31.00, 1-3 50-75 25.00-40.00 per head.

SHEEP 735. Compared with 750 head last week, and 585 head a year ago. Wooled slaughter lambs strong to $1 higher. Choice 70-100 pounds wooled slaughter lambs 39.00-45.00, few new crop lambs 50-65 50.00-54.00, Good 70-100 wooled slaughter lambs 34.00-41.00, few Utility 50-75 28.00-30.70. Slaughter ewes 11.00-21.00.

ASK US

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No Hog Cholera in Past Six Months

There have been no reports of hog cholera in the United States during the past six months, reports the U. S. Department of Agriculture (USDA). This is the longest known period without such a case since the disease, which affects swine only, was first recognized in this country in the early 1830's.

According to the agency's Animal and Plant Health Inspection Service (APHIS), the last case occurred in Indiana during the 1972 outbreak, which also affected swine in several other midwestern and southeastern states. Nearly $1 million was paid in federal and state indemnities to compensate Indiana producers for the approximately 20,000 head of swine which had to be destroyed because of the disease.

Since the national eradication program began in late 1962, New Jersey, North Carolina and Texas are the only states which have not achieved a "hog cholera-free" status. In order to do so, a state must go twelve months with no cases.

Dr. Ernest E. Saulmon, deputy administrator of APHIS Veterinary Services, said that Indiana lost its "free" status during the 1972 outbreak. However, in that it had once been so designated, it was eligible and restored to the "free" status Dec. 28, six months, rather than twelve, after the disposal of the last infected herd.

Hog cholera was found in only 16 swine herds in the U. S. in 1973. This compared to 205 in 1972. Despite this progress, however, Dr. Saulmon urged hog producers and others in the swine industry to remain alert for any suspicious illness in hogs, and to "suspect hog cholera first."

Gerald Metzler

Christiana Youth Will Work Abroad

In a recent bulletin from the National FFA Center in Alexandria, Virginia, it was announced that Gerald Metzler, son of Mr. and Mrs. Robert Metzler, Christiana, RD1, has been accepted to participate in the FFA Work Experience Abroad program this summer.

The program is an international educational exchange activity involving the Future Farmers of America and rural youth organizations of 20 other countries. Each participant's "visit" lasts 6 months and affords him an opportunity to exchange ideas in agriculture as well as in other areas of interest.

Currently serving as State Treasurer of the Pennsylvania FFA Association, this Octorara graduate has served in local and county positions also. Gerald has received numerous awards for his work within the organization in areas of Production Enterprise projects and Dairy Showmanship.

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Rowlands Speaks at Grange 66 Meeting

Fulton Grange 66 met in regular session January 28 at Oakryn with the Master, Charles McSparran, presiding. A $100 donation was given toward the ambulance purchased by the newly organized Wakefield Ambulance Associatiobn. The ambulance will be put in service March 1.

It was announced that Lancaster Co. Pomona Grange officers, committees, county Subordinate Grange Lecturers and interested members will have a planning meeting and code-reading instruction at the home of Pomona Master Jesse Wood, Little Britain, February 2, 8 p.m. Also Pomona Grange will have a food stand at the James Huber sale February 22.

The Youth committee, LeRoy Welk chairman, will hold a Fun Night Saturday, Feb. 16, 8 p.m. at the Grange Hall.

Fulton Grange will have a food stand at the household sale of the late Mrs. Mary P. Giffing March 30. The committee in charge will be Mrs. Anna Armstrong, Mrs. J. Everett Kreider and Mrs. Joseph Sinclair.

The committee for the annual Grange turkey supper April 6 is Mrs. Thomas Galbreath, Mrs. Elwood Barnes, Mrs. Harry Baker, Mrs. Harold Alexander, Mrs. William Arrowsmith and Mrs. Charles Long.

The Women's Activities committee, Mrs. William J. Rhoades chairman, has ordered a new supply of Pa. State Grange cookbooks.

Miss Joyce Galbreath, Lecturer, was in charge of the program. State Trooper Edward Rowlands showed a motion picture film "Invitation To Burglary." He gave many pointers about protecting property and persons. A question and answer period followed.

The program for the February 11 meeting will be in charge of the Young Married Couples committee: Mr. and Mrs. David Knight, Mr. and Mrs. David Miller and Mr. and Mrs. Larry Myers.

Memorial Scholarship Honors D. E. Walker

The Darrell E. Walker Memorial Scholarship Fund has been established at The Pennsylvania State University. The fund honors the memory of the late Dr. Walker who was head of the Department of Horticulture at Penn State at the time of his death on July 7, 1973.

Scholarships from the fund will be awarded to full-time undergraduate students majoring in horticulture, announces Robert F. Fletcher, chairman of the fund committee. Scholarships will be awarded on the basis of academic excellence, financial need, and professional promise.

Contributions to the fund will be administered by the Penn State Foundation, Fletcher points out. Checks should be made payable to The Pennsylvania State University, designated for the Darrell E. Walker Memorial Scholarship Fund. Mail to the Penn State Foundation, 100 Old Main, University Park, Pa. 16802.

Walker came to Penn State in 1954 as assistant professor dealing largely with breeding of ornamental plants. He was promoted to associate professor of plant breeding in 1960 and became professor and head of the department in 1963.

He was a Fellow of the American Association for the Advancement of Science, a member of the American Society for Horticultural Science, the American Institute of Biological Sciences, the American Horticultural Society, and various horticultural associations in Pennsylvania.

His honors included an award for horticultural achievement from All-America Selections for the introduction of "Nittany Lion," a red geranium breeding true from seed. In 1965 the Horticultural Show at Penn State was dedicated to Walker.

Editor's Quote Book

What we obtain too cheap, we esteem too lightly; it is dearness only that gives everything its value.

— Thomas Paine

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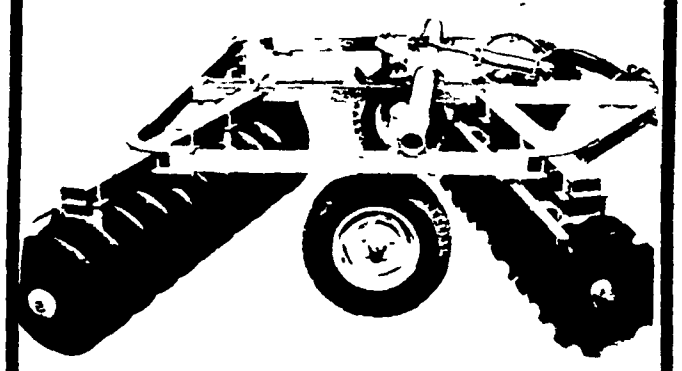

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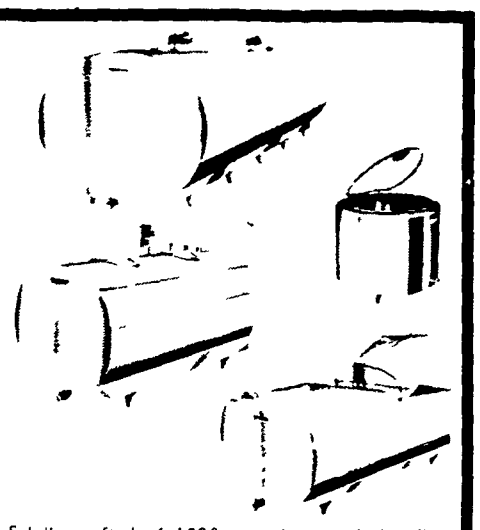

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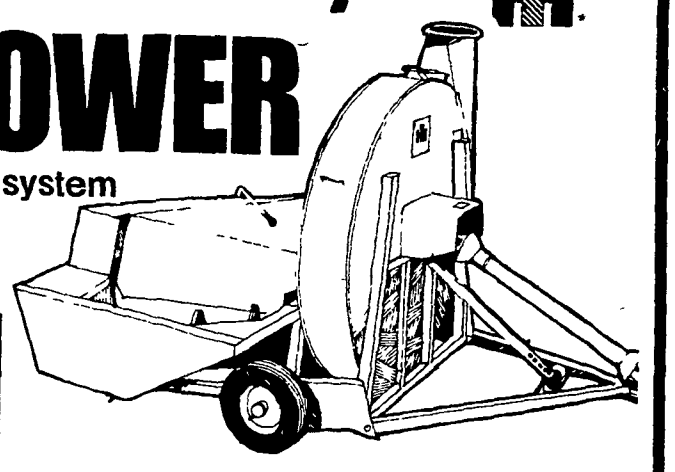

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Methane Gas Project is Approved

Generating methane gas from manure and recycling sewage sludge for fertilizer are two of 18 new research projects approved recently by the Agriculture Research Committee, it was announced by Agriculture Secretary Jim McHale.

McHale said the committee approved $179,793 to finance the new projects for the next five months. Most of the contracts were awarded to Pennsylvania State University and the University of Pennsylvania.

"It is heartening to see the thrust of our new projects are geared toward improving farm income," said McHale.,

"Today farmers are faced with crippling fuel and fertilizer costs," said McHale. "If we could provide them with cheaper sources of fuel and fertilizers, we would help their income by reducing production costs."

The methane gas project will be done at Penn State. It was proposed as a three-year project costing $77,327 in research funds. The five-month budget approved was for $12,700.

The public caught a glimpse of this project at the recent 58th annual Farm Show where a methane generator exhibit was installed. During the Governor's Farm Show Preview, McHale and Gov. Milton Shapp ate hamburgers that were cooked by the generated methane gas. Shapp at the time said that researching the use of farm waste is extremely important in view of our current energy crisis.

The sewage sludge project, also awarded to Penn State, was given a five-month budget of $13,860. It is proposed as a five-year project which would have a total funding of $217,500.

McHale noted that Penn State has already done some work on using sewage sludge taken from urban treatment plants to fertilize farm fields. The new project will study the effects of sludge on crop production and the mineral elements in the food chain.

Approval of the 18 new projects came at a special meeting of two research committees – one recognized by the administration and the other which is attempting to have its legality upheld in the courts. A majority vote of both committees was required to approve the projects, a stipulation laid down by the court while the case is still under consideration.

A 17-member committee was established by the legislatlure in 1972 to approve agricultural research projects. Atty. Gen. Israel Packel last year ruled the committee unconstitutional on grounds the law would channel public funds through specifically named private organizations. Eight members of the committee were dropped , six representatives from the Council of Farm Organizations, one representative from the Food Processors Association, and one from the Pennsylvania Association of County Fairs. This left a nine-member committee consisting of four legislators, four representatives from the Department of Agriculture and the head of the Harness Racing Commission.

About $400,000 of harness racing proceeds are used each fiscal year for agricultural research. Last spring both committees approved $149,190 to continue a number of research projects for 1973-74.

The special meeting by both committees Jan. 17 resulted in approving $179,773 for 18 new porjects for the remainder of this fiscal year. Total research expenditures for this fiscal year will then total $328,963.

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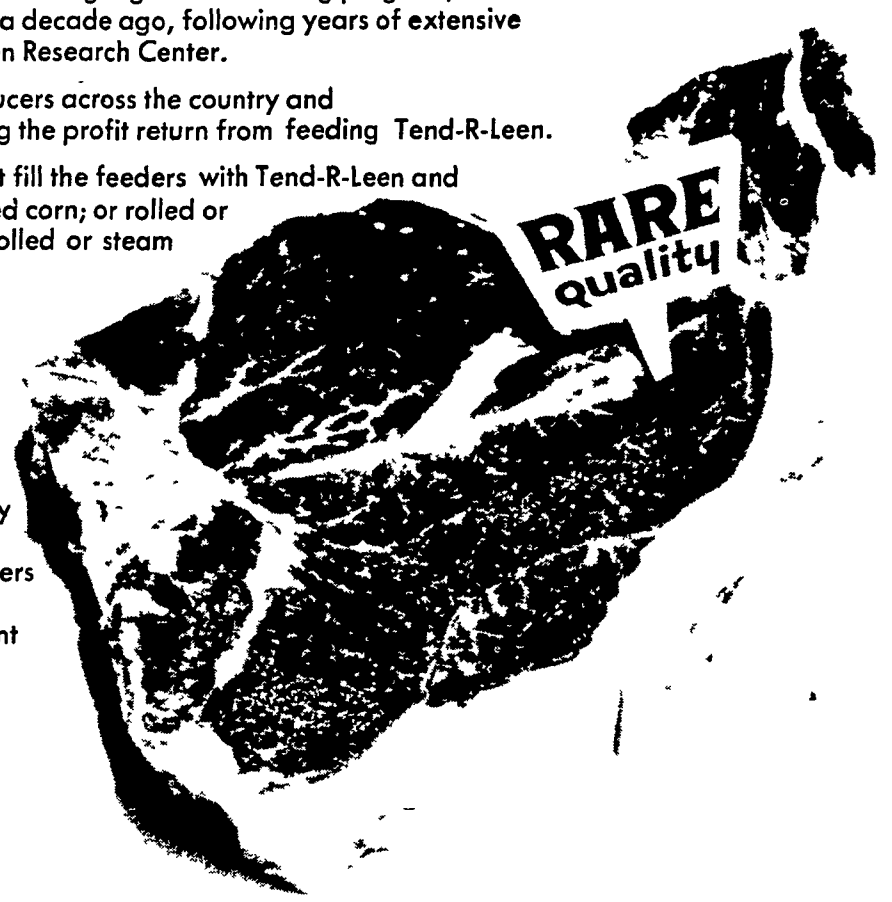

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Farmer Agrees to Hire First Welfare Recipient

The first contract for use of welfare recipients in farm labor was signed last week with Grant Keiffer, a Peach Bottom dairy farmer.

Lancaster County is the site of a pilot program which permits dairy farmers to train welfare recipeints in farm labor techniques.

Paul J. Smith, secretary of Labor and Industry, said the program is part of the Pennsylvania Work Incentive Program (WIN) which has been in operation for several years but only now extended to include farm labor.

County farmers who employ through the WIN program get several bonuses, said Smith.

First, they are reimbursed for training costs up to an amount equal to one-half the workman's salary.

Second, employers may deduct 20 per cent of wages paid to such workers from their federal income tax bill.

In addition, he said, farmers who employ WIN participants are assured of obtaining workers who have been carefully screened so even though they are unskilled, they have demonstrated an aptitude for such work and a desire to get off the welfare rolls.

James A. McHale, secreatry of agriculture, said his department is cooperating completely in the program by helping to "get out the word" through its county agencies and other department personnel.

Farmers who desire more information about the program should contact the Lancaster state employment office at 225 N. Lime St.

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The Land Price Spiral

In this age of glass, steel, concrete and cubical living for millions of people, somewhere, someone still owns the land and must use it wisely to make it produce the food and fiber to feed the world's cities and factories and give them life. It is little wonder that land ownership remains a powerful factor in motivating human behavior.

Writing in Fortune magazine Mr. Max Ways, in an article entitled "Land: The Boom That Really Hurts," explores some of the facts and fables of land ownership, their effect on the boom in land prices and what might logically be done to moderate what many feel is an excessive inflation of land values. Fast-rising land prices have been a fact of economic life on a worldwide basis. Mr. Ways points out that in the past 15 years average land prices in the United States have risen around 7 percent a year, where the Consumer Price Index showed an average annual increase of 2.7 percent. In his opinion, rapidly increasing land prices have been one of the major contributors to inflation. In the last 15 years, in many sections of the United States, the price of land on which to put a house has risen much faster than the cost of building it. The cost of land is undeniably one of the major factors in the overhead of farmers and ranchers, food processors, meat packers, retailers and supermarket operators. Thus, the high and rising cost of land is a direct contributor to the high and rising cost of food. And the land boom goes on -- fueled by the vision of "security," by the undeniable record of appreciation in value and by the often-voiced contention that values are bound to continue upward as population pressure pushes against a limited supply of land.

As Mr. Ways puts it, "The combined effect of popular myth and sluggish public policy is that when eager buyers come to the land market, they find reluctant sellers. And the price of inert and insensate acres rises faster than anything else in a civilization where the real economic values derive from action, from knowledge, from judgment, from management, from invention, and from cooperation among people." Security, according to this view, for the average human being in a technology-based, industrialized society depends more on his ability to raise his productivity, to manage, to learn, to fit into the organized society around him than it does in owning a piece of land on which he can grow potatoes. This may be true as long as the bubble stays inflated. But what if it bursts? The row of potatoes might be a nice thing to have. This is still the thought lurking in the back of the landowner's mind

What about a hedge for inflation? Just because land has always increased in value doesn't mean it always will. Majority feeling for land ownership could change, or tax policies shift their emphasis. The population pressure theme, Mr. Ways suggests, is ridiculous in the United States Still, it would be difficult to convince some 32 percent of the people in the U.S. who live in less than 2 percent of the land area in metropolitan centers that there is not pressure on the land But, if you should drive your car along the highways of New York State just 50 miles or so northwest of the center of Manhatten Island, you would find yourself passing through open country, wooded mountains and small communities that haven't changed much in decades. Similar conditions are found in the hinterlands around Washington, D. C. and most of our other metropolitan centers. If you think there is someone standing on every square foot of land, try driving across the hundreds of miles of open country, high plains and mountains of such states as Wyoming, Colorado, Montana and Idaho. Mr. Ways points out that if you put the world's entire population of some 3.7 billion people within the borders of the United States "... the resulting density would be not much greater than that of England today." Particularly considering the birth rate decline in the United States and other developed countries, it appears we will not soon be standing on top of each other's heads. Apparently the population pressure against the land is really not as bad as it has often been painted.

Mr. Ways suggests that one of the ways to encourage better utilization of the land would be to change the real estate tax policies which presently discourage landowners from improving or using their holdings. Seventy percent of such taxes are assessed against buildings, and only 30 percent against bare land. Mr. Ways suggests that a "... decrease in the tax on buildings together with an increase of the tax on land might have the long-range effect of slowing down the land boom." At the same time, it is pointed out that more than half of the families in America "... have a substantial part of their assets in home equities." Any drastic decline in these "... values would shrink the national credit base and have a more traumatic effect on the economy than a stock-market crash."

In summing up, about all that can be said is that land prices have increased more rapidly than anything else in most countries, including the United States. They have contributed to the inflationary spiral, and it is possible that land prices will not keep on rising forever. Any public policy designed to slow the land boom should be gradual in nature since land values are a major portion of the assets owned by individual citizens. No matter how you slice it, and admitting that conditions may change, it still looks like land is a pretty good bet. If you own any, don't give it away. It will probably be worth more next year, and who knows -- it still might be nice to have a row of potatoes.

xxx

"I am very much alarmed at the possibility that in the very near future the energy crisis will force the shutdown of businesses, widespread unemployment, and a depression at least as bad as that of the thirties. Once that happens, it will be too late to remove the barriers and allow the utilities to do the things necessary to provide adequate energy."--Mr. George I. Bloom, chairman, Pennsylvania Public Utility Commission.

NOW IS THE TIME...

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Telephone 394-6851

TO CONSIDER CORRESPONDENCE COURCES

Penn State University continues to offer many helpful courses through the mail. These courses are given at a nominal cost and cover various agriculture, family living, and community development subjects. A bulletin is available at the local Extension Office giving full details about all courses. We urge more of our local folks to consider one or more of these courses to become more knowledgeable on interesting topics. They are very practical and provide an opportunity to learn while performing normal daily obligations.

TO STORE LIVESTOCK WASTES CAREFULLY

As more kinds and grades of fertilizer become scarce and more expensive, the value of barnyard manure begins to be more important. Due to the large livestock and poultry population on many of our local farms, it is the feeling that some crops may need less commercial fertilizer if we can hold the fertilizer ingredients in the manure supply. Most types of manure are higher in nitrogen and potash and lower in phosphorus. Nitrogen seems to be the scarce type of fertilizer this spring and liberal manure applications could improve the situation. Producers are urged to store the manure out of the weather and attempt to hold all ingredients until closer to spring plowing time.

TO PRUNE TREES

Nearly all kinds of fruit and shade trees may be safely pruned during February and March; this is the period before the trees break dormancy and the best time to make any cuts. Most orchard men will prune during late winter or early spring; shade trees often need to be pruned to maintain proper size and shape, and to remove any damaged branches. However, this is not the time to prune or shape most evergreens such as pines, yews, junipers, etc.; this can be done during May or June. The spruce trees may be shaped or pruned during the winter months and until late March in this part of the state. Sharp pruning shears or saw may be used and all large cuts (one inch or more) should be painted with tree paint to prevent rotting.

TO TRANSFER SILAGE

Many local livestock or dairy producers may have extra silage in horizontal or bunker silos with the plan of transferring it into the upright silo toward spring. This may be done safely but there will be less heating and loss of feed nutrients if it is done during colder weather rather than later this spring. Also, the job should be done as quickly as possible and there is no need of adding any water or other preservative. Any kind of silage may be moved and should be just as good out of the tower silo as it would have been if fed from the horizontal structure. Air temperatures of under 50 degrees when moved are desirable.

Farm Calendar

Monday, February 4

7:00 p.m. - Stoverstown 4-H Craft Club, 4-H Center, Bear Station.

7:30 p.m. - Meat Processors meeting, Farm and Home Center, Lancaster.

7:30 p.m. - Central 4-H tractor club meeting, 4-H Center.

7:30 p.m. - York County 4-H Baby Beef Show, 4-H Center, Bear Station.

Feb. 4-5 Northwest Agri-Dealers Association meeting, Leamington Hotel, Minneapolis, Minnesota.

Feb. 4-6 - Louisville Barrow Show - Kentucky Fair and Exposition Center.

Feb. 4-8 - Brucellosis Eradication Conference, Chicago, Howard Johnson Motor Lodge, Schiller Park, Ill.

Tuesday, February 5

9:30 a.m. - 9th Annual Southeastern Dairy Conference, Guernsey Sales Pavillion.

12 Noon - Jugger's Dairy Processor Conference, University Park, Penn State, Feb. 5-7.

7:00 p.m. - Learn by Doing 4-H Club meeting at the home of Linda Coons, York RD5.

7:30 p.m. - Manheim Young Farmer Farm Wiring Seminar 5, Manheim vo-ag department.

7:30 p.m. - Farm Income Tax hints and Penn State Farm Records program, Oxford High School vo-ag room.

Feb. 5-6 - New England Grain and Feed Council, Marriott Hotel, Newton, Mass.

Wednesday, February 6

1:00 p.m. - Farm Income Tax hints and Penn State Farm Records program, Honey Brook Fire Hall, rear meeting room.

7:30 p.m. - York County 4-H Council meeting, 4-H Center.

7:30 p.m. - York County 4-H Leaders meeting, 4-H Center.

Feb. 6-8 - National Livestock Feeders Association meeting, Muehlebach Hotel, Kansas City, Mo.

Thursday, February 7

6:30 p.m. - 4-H Beef and Lamb Club banquet, Farm and Home Center, Lancaster.

7:00 p.m. - Eastern Lancaster County Adult Farmers welding course, Garden Spot High School vo-ag department.

7:30 p.m. - Manheim Young Farmers Farm Wiring Seminar no. 6

7:30 p.m. - Farm Income Tax hints and Penn State Farm Records program, Owen J. Roberts High School vo-ag room.

Friday, February 8

7:00 p.m. - Glenn Rock 4-H club meeting, Community Building, Glenn Rock.

7:00 p.m. - Pennsylvania Egg Marketing Association meeting, Colonial Motor Lodge, Denver, Penna.

Saturday, February 9

Feb. 9-16 - 19th Annual Eastern Sports, Boat, Camping and Outdoor Show, Farm Show Building, Harrisburg.

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

THE COUNSELOR

Lesson for February 3, 1974

Background Scripture: John 15:18 through 16:15
Devotional Reading: John 16:16-24

"Live," said someone, "as if Jesus were your constant companion!"

Understandably, most of us would find it easier to live as good Christians if Jesus lived in our neighborhood or our homes

Rev. Althouse

We would doubtless all be more careful in keeping his teachings and following his example Most of us do better in almost anything when we are under scrutiny of some kind

Not only would the daily presence of Jesus give more incentive, but we would also probably make more use of his help in meeting our daily situations We would be able to turn to him for advice and counseling All of us probably have a number of important questions we would want to ask him

"I will not leave you desolate"

We can imagine then how the disciples must have felt as they began to realize that Jesus was going to be leaving them soon That day by day contact, its many opportunities for learning and counseling—all these would, it seemed, be lost in that event How could they possibly learn to do without this man who had become seemingly essential to their lives?

Yet, he promised 'I will not leave you desolate "(14 18) To take his place, God would send "another Counselor " (14 16) Although Jesus was to be taken physically from them, God was going to provide another source of counsel and inspiration 'But the counselor, the Holy Spirit, whom the Father will send in my name, he will teach you all things and bring to your remembrance all that I have said to you" (14 26)

Obviously, the "new" Counselor God was sending would be different from Jesus in that he would be Spirit instead of physical Given their choice, the disciples probably never would have been willing to give up Jesus in the flesh That's human nature Yet this spiritual Counselor from God would have advantages over the fleshly Jesus He would not have the limitations of a physical body which can only be in one place at a time and is limited Furthermore, this Counselor was to "be with you forever" (14 16)

"And I in you"

The Counselor God was sending in place of the fleshly Jesus was to be within his disciples " for he dwells with you, and will be in you" (14 17) They will not have to search for this new Counselor, for he will be as close as their own hearts "If a man loves me, he will keep my word, and my Father will love him, and we will come to him and make our home with him" (14 23)

We need not, then, hypothetically imagine what life would be like if Jesus were present, for, as John's Gospel makes it clear he is present, very present in our lives if we will acknowledge him Jesus does not have to "come back" in the flesh, for the Counselor within can do all and more for those who will acknowledge him

(Based on outlines copyrighted by the Division of Christian Education National Council of the Churches of Christ in the U.S.A. Released by Community Press Service.)

Letters to the Editor

Editor: I think all of us who served on the Lancaster County Government Study Commission feel disappointed and frustrated that we have not been permitted to complete our work due to things completely outside our control or responsibility.

It's been a privilege for me to chair such a dedicated, knowledgeable, hard-working group. We have met weekly for eight months - we have talked to hundreds of people - we have established contacts with practically all governmental units in the county - we have studied what county government is and what it can be. It's a shame to see such efforts nullified.

Our members included a variety of backgrounds and outlooks, but from first to last demonstrated a willingness to listen and to learn. This congeniality and mutual helpfulness made a hard task easier, and will make the memory of these months happier.

At the moment, I don't know what can or should be done with our records and findings. However, I think it's significant to the community that eleven interested, conscientious citizens have looked at our county government closely and have concluded that the people of the county would be better served if we gave our government a better structure and a more appropriate charter. I hope our work contributed to public understanding of the need and the opportunity for better county government - and that the effort to achieve it will not stop.

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Merrill Lynch Opens Commodity Hot Lines At Lanc. Stock Yards

The Harrisburg office of Merrill Lynch, Pierce, Fenner & Smith Inc. announced today the opening of two "Hot Line" telephones to the Lancaster Stockyards for on-the-spot livestock reports. The announcement was made by resident vice-president, H. Paul Rutter, Jr.

Rutter said a growing number of livestock feeders use commodity futures as a management tool. To meet the growing demand for timely livestock information, Merrill Lynch has installed two direct phones -- one at the Livestock Yards Office Building above the USDA, and one adjacent to the lunch room in the Auction Building -- connected to the investment company's office in Harrisburg.

Merrill Lynch is the nation's largest commodity broker and has a staff of commodity account executives in the area to assist livestock feeders on the "Hot Lines" and, on occasion to be present at the Stockyards on auction days to discuss futures. These commodity men -- Miles Thomas, Duane Swarts, Jerry Pryor, and Rod Parrish -- monitor all commodity futures exchanges and the Merrill Lynch newswires to keep up to date on the developments that could affect commodity markets.

In addition, commodity specialists in New York and Chicago analyze market data and publish results in a variety of ways. They publish "Research Opinions (ORO)", which are "instant" opinions on any actively traded commodity. QRQ, an automatic data forwarding system, delivers technical analysis, fundamental analysis, historical factors, and market recommendations to commodity men and to the hedger or speculator in a matter of minutes.

They also publish "Situation Reports" which are indepth analyses, four to six pages long, of markets that appear to have interesting current potential, and make available Weekly Reviews of active commodity markets.

Finally, they publish a variety of booklets, "How to Buy & Sell Commodities", "The Hedger's Handbook", "Handbook for Commodity Speculators", and "Customer's Guide to Merrill Lynch Commodities Services."

According to Rutter, his staff intends to hold meetings at the Stockyards to explain futures markets and their uses. Anyone interested in participating in the commodity futures markets or in learning about how they can be used as a hedge or speculative media can dial "Operator" and ask for Enterprise number 4056 to reach the Merrill Lynch Harrisburg office.

Guernsey Breeders Elect Officers

The Lancaster County Guernsey Breeders Association held a meeting January 29 at the home of Robert Breneman.

The following officers were elected: Robert Breneman, president; Robert Wagner, vice-president; and Art Breneman, secretary-treasurer.

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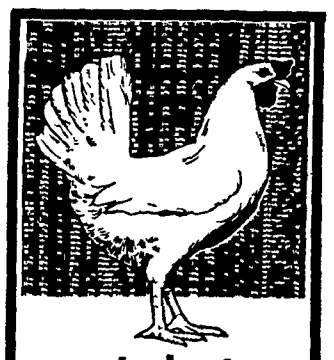

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Mr. and Mrs. Harlan Keener were in Hawaii last week to attend a conference on no-till farming. The Keeners were part of a group from all over the country that participated in the conference.

Keeners Attend No-Till Conference In Hawaii

Mr. & Mrs. Harlan Keener of Lancaster, Pennsylvania, were among more than 200 farm couples who attended the second annual National No-Tillage Conference in Honolulu, Hawaii, last week, sponsored by World Wide Farm Forums.

The conference focused on methods of no-tillage farming, and included tours of no-tillage plots planted especially for the conference so that farmers could view no-till crops at the growing stage. In addition, the group toured selected livestock farms accompanied by University of Hawaii extension authorities, and attended special "shirt sleeve" seminars on farm management techniques, goal setting and agri-estate planning.

The farm couples few to Hawaii in giant 747 jumbo jets, and stayed at the Hilton Hawaiian Village hotel, on Waikiki Beach. The conference included a mid-week flight to the garden island of Kauai, where the farm group toured the research facilities of Metcalf Farms and viewed the no-till plots there.

A new no-till planter was flown to the island specifically to plant the no-till plots and also to conduct planting demonstrations during the conference, giving farmers a first-hand view of no-till planting procedures as well as the results of 20 separate farm chemical comparisons in the plots.

The conference received such a reception from farm couples that World Wide Farm Forums--which is affiliated with No-Till Farmer and Farm Wife News magazines--has scheduled a second similar conference in Honolulu the week of March 24-31. If any farm couples from this area are interested in attending the March conference, the Keeners say they will be glad to provide information and an evaluation to the first conference.

Crop Stocks Rise 11%

Stocks of corn, wheat, oats, and barley stored in Pennsylvania on January 1 totaled 81.6 million bushels, according to the Crop Reporting Service. This was 11 percent more than the January 1, 1973 stocks of these same grains, and includes grains stored on farms and off farms.

Corn in all storage positions totaled 62.7 million bushels, 19 percent more than a year ago. On-farm stocks were up 17 percent; off-farm stocks were up 52 percent.

Wheat stocks in all positions totaled 5.3 million bushels, 24 percent less than a year ago. On-farm stocks were down 28 percent, while off-farm stocks declined 22 percent.

Stocks of oats were 10.8 million bushels, 4 percent above a year ago. On-farm stocks were up 4 percent with off-farm stocks up 2 percent.

Total stocks of barley were 2.8 million bushels, 27 percent less than a year ago. On-farm stocks were 21 percent lower, and off-farm stocks were down 57 percent. Other grain stocks stored in Pennsylvania on January 1, 1974 were: soybeans, 1.8 million bushels; sorghum - 38,000 bushels; and rye with 134,000 bushels. Comparable January 1, 1973, stocks for these grains are not available.

U. S. January 1 stocks of all grains except sorghum and soybeans were below a year ago. Stocks of the four feed grains (corn, oats, barley and sorghum) totaled 161.1 million tons, 7 percent less than holdings on January 1, 1973.

Stocks of all wheat were down one-third from a year earlier while Durum supplies were down 27 percent. Soybean stocks were up sharply with 35 percent larger holdings than a year ago.

Corn in all storage positions on January 1, 1974, totaled 4,465 million bushels, down 8 percent from the 4,831 million bushels a year earlier.

Sorghum grain in storage January 1, 1974, totaled 648 million bushels, 4 percent above a year earlier.

Oats stocks on January 1, 1974, totaled 634 million bushels, 18 percent less than a year earlier.

Barley stored in all positions on January 1 totaled 323 million bushels, 11 percent less than a year earlier.

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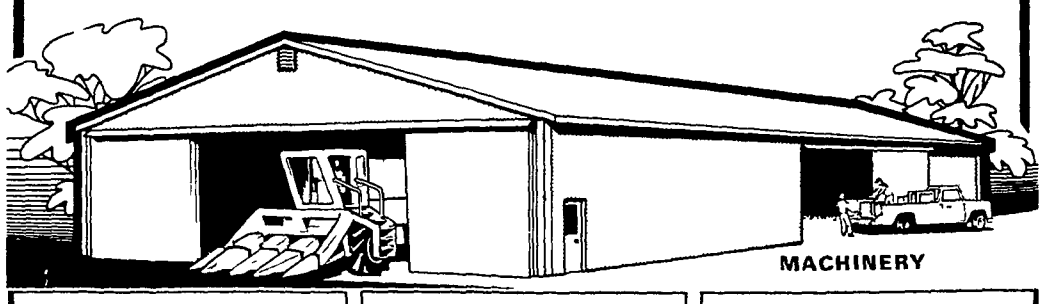

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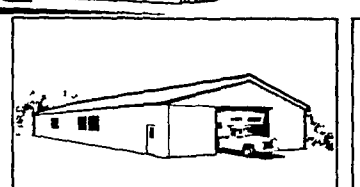

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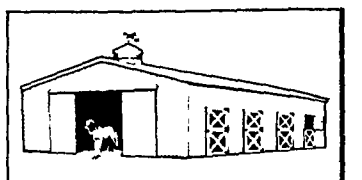

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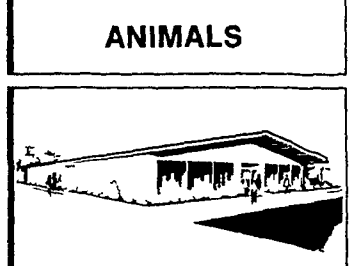

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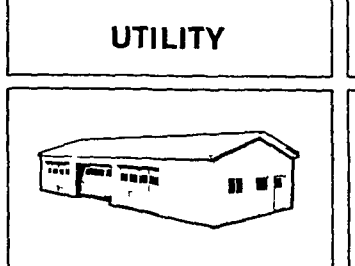

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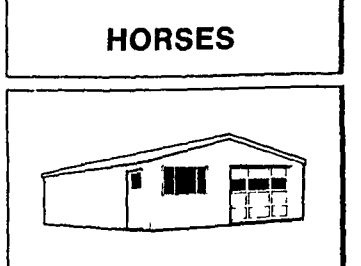

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Farmers Face Shortages, Higher Prices

The shortages of many basic production supplies which farmers experienced in 1973 will continue through 1974, and many products will carry higher price tags, according to Ronald N. Goddard, executive vice president and chief executive officer of Agway Inc.

"Farmers are particularly affected by shortages because they use a broader range of products than the average consumer does," he pointed out.

"They must buy feed, seed, fertilizer, machinery, building materials, and large quantities of petroleum to carry out their basic work in addition to most of the products that other consumers buy," he said.

Goddard noted that shortages in varying degrees are showing up in almost all farm supply commodity lines.

Agway, with headquarters in DeWitt, is a farm supply and food marketing business owned by 111,000 farmers in 12 northeastern states.

"The brightest note in the outlook is in livestock feeds. Supplies are expected to be adequate," Goddard said, "but spot shortages may develop, and prices are likely to average somewhat higher than last year."

He added that fertilizer shortages have already been forecast for both nitrogen and phosphate. Nitrogen supplies are expected to fall considerably short of demand, and he termed estimated phosphate shortages "substantial." The shortages result from a combination of fertilizer exports and increased demand from additional cropland being put into production.

"Farmers will also face shortages of aluminum, steel, baler twine, and petroleum-based products such as asphalt roofing and polyethylene film," said the chief executive of the Syracuse-based cooperative. The time lapse between order and delivery of many of these products has grown longer, and price increases are anticipated he said.

Greater demand for such products and limitations in raw materials and energy for manufacturing have contributed to the situation.

"Petroleum is another critical area for farmers," Goddard said. "Supplies of vital fuels–gasoline, propane, and diesel and heating oil-are low at the very time farmers need extra fuel to plant and harvest expanded acreage."

All these factors tend to put upward pressure on farm production costs, Goddard said.

"Farmers will have to receive more for their products in order to cover their higher costs. The increases will have to be passed on to the consumer in the same way industry passes on its added costs. This will mean higher prices for many food items," the Agway executive predicted.

"Our standard of living has been geared to seemingly endless supplies of energy, surpluses of low-cost food and a vast selection of goods and services," Goddard said. "Now things have changed."

"If there is one thing to be learned from recent events, it is that we must become a nation of conservers, not just a nation of users," Goddard commented.

He concluded, "There is a limit to all natural resources, including productive farmland, although I believe that if this country had utilized all its resources as prudently as farmers have managed the land, we would not be in the position we find ourselves today."

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Secretary of Environmental Resources

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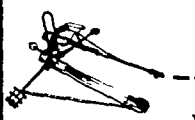
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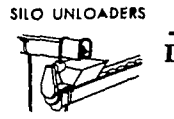
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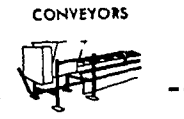
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RECP Funds Will Help Farmers Establish Conservation Practices

The U. S. Department of Agriculture announced primary details of a 1974 Rural Environmental Conservation Program (RECP) to strengthen conservation and environmental protection measures on American farms and to encourage the development, management, and protection of nonindustrial private forest lands.

In December the Department announced the initial RECP funding level for calendar 1974 at $90 million, of which $10 million was initially earmarked for the Forestry incentives effort.

The RECP which carries forward some features of the old Rural Environmental Assistance Program (REAP) is designed to share with farmers and forest landowners from 50 to 75 percent of the cost of carrying out approved forestry and conservation practices.

Participation in this program is open to all eligible farmers regardless of race, religion, color, sex or national origin.

The program is authorized by the Soil Conservation and Domestic Allotment Act and the Agriculture and Consumer Protection Act of 1973. The 1973 Act was signed into law by President Richard M. Nixon on August 10, 1973. The program provides for both annual and long-term cost-sharing agreements.

Under long-term agreements, essential practices and practice cost-sharing will be scheduled over a period of 3 to 10 years. These agreements with farmers will be based on whole farm conservation plans which have been approved by appropriate officials. Requests for long-term agreements will be accepted only in cases where the farmer has an approved plan and has indicated he is ready to carry out a scheduled practice during the current program year.

The special Forestry Inventives Program phase of RECP will apply only in counties to be specifically designated for this phase of the program. The counties will be designated by the State ASC Committee after consulting with the State Forester. Cost-sharing in these counties will be available to owners of nonindustrial private forest lands for planting trees for timber production and for improving a stand of forest trees for timber production. Forest management plans developed by foresters in consultation with the landowners will be required as the basis for cost-sharing agreements for all forestry practices in the designated counties.

Cost-sharing for regular forestry practices will also be offered in counties that are not designated for the special Forestry Incentives Program. In these counties forestry practices must also provide improved protection against wind or water erosion as well as provide for the production of forest products.

Practices to be offered under the 1974 RECP for annual or long-term agreements, include: establishing permanent vegetative cover; improving permanent vegetative cover; planting trees; improving a stand of forest trees; water impoundment reservoirs, stripcropping; constructing terrace systems; diversions; streambank stabilization; permanent wildlife habitat; sediment retention; erosion or water crontrol structures; sediment, chemical or water runoff control measures; windbreaks or shelterbelts; and reorganizing irrigation systems. All are designed to provide enduring protection to soil and water resources. In addition, state and county committees will have the opportunity to develop, with appropriate justification, other practices needed to solve critical local conservation problems.

A draft environmental statement has been filed with the Council on Environmental Quality and circulated for agency and public comment. Program modifications will be considered based on comments received during the review period.

Several USDA agencies are involved in the operation of the RECP. The program will be administered by the Agricultural Stabilization and Conservation Service through its farmer-elected committee system. The Soil Conservation Service will provide technical assistance and advice and recommendations on policies for soil and water conservation practices including conservation planning needed for longterm agreements.

The Forest Service will provide advice and recommendations on policies for all aspects of forestry practices and technical service, including planning assistance to the applicant. The Extension Service will provide educational support and assistance for increasing the effectiveness of the program.

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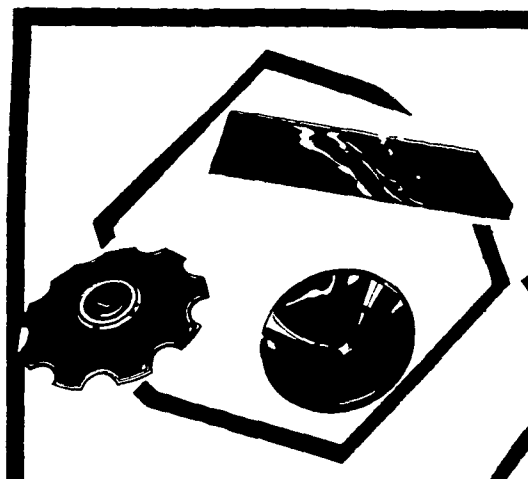

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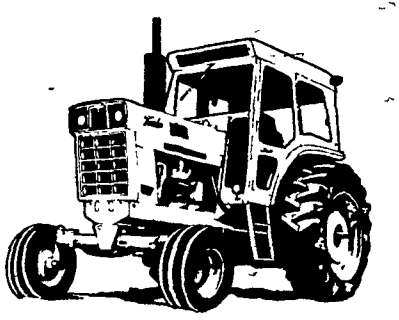

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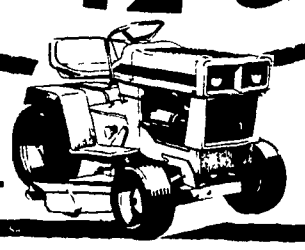

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"Farming Is Better Than Ever"

"Today there is a better future in farming than there ever was. You can't be a pessimist and expect to succeed." Those words of advice come from Dan Hogeland, who owns and operates a 230-acre crop and vegetable farm near Newmanstown, Lebanon County.

Dan, a three-time recipient of state awards for having the higest yields of potatoes per acre, has most of his land in corn, but 100 acres are devoted entirely to raising cucumbers, carrots, pumpkins, and potatoes. He also grows some barley and wheat as cover crops. This year he harvested nearly 700 tons of carrots from 33 acres, and 15 acres of potatoes yielded 729 bushels per acre.

Asked whether he has any special fertilizer requirements for his vegetables, Dan says "No," commenting that he uses about 70 tons per year on the 230 acres. It is broadcast, plowed under, applied in the row, and top-dressed, depending on particular conditions and needs. "As with anything else," he says, "you have to know what you're doing." Dan lists mineral deficiencies, plant diseases, insects, and the weather as some of his major management problems. Irrigation is a must, he says.

When it's time to bring the vegetables out of the field, efficiency and speed are of prime importance. Dan admits to having had some problems with men and machinery. "You can't afford to have your equipment break down when there are ten men on the payroll, and you can't afford to have the picking crew spend their time at the local bar while the crops rot in the fields," cautions Dan.

He explained that he quit raising tomatoes because of unreliable help. Nevertheless, many human hands are needed on a vegetable farm. Only the carrots are harvested by machine. Every year the same crew of migrant workers comes up from Florida. Although Dan has a potato harvester, he prefers to have the picking and sorting done by hand. "The harvester bruises them too much", he explained. Concerned about having good quality vegetables, Hogeland also limits the use of his two 5-ton self-unloading bin wagons. He says that carrots can take the mechanization, but his other crops can't.

Except for carrots, which are contracted to Campbell's Soup Company, Hogeland's vegetables are sold on the open market. Cucumbers, for example, are washed, graded and treated with hot wax before shipment to the produce center in Philadelphia. There they are picked up by brokers who send them to Tennessee, Louisiana, Arkansas, and even overseas to units of our armed forces.

Dan has been active in farming all his life, but has been in Lebanon County for only six years. His former Bucks County farm now has houses and stores sprouting on it, rather than vegetables. Born and raised near Lewistown, Montana, Dan can make some good comparisons between farmlands. He has high praise for the productivity of soils in southeastern Pennsylvania, and believes that those who seek new farmlands further west are kidding themselves. "The West offers a slower way of life," he comments, "but not better farming potential. Also, you don't have the markets."

Lebanon County vegetable grower Dan Hogeland, thinks "farming is better than ever". He's shown here recently sorting part of his current potato crop.

The Hogelands' farm has a history dating back to the days of William Penn. Dan says the place had been owned by the Kalbach family for 165 years before he purchased it 6 years ago. The thick-walled stone house dates back to the early 19th century and has been appropriately and attractively restored by the Hogeland family. A particular eye-catcher is the huge, original fireplace in the kitchen.

Dan and his wife, the former Millicent Kay, have four children. Danny the oldest, is a 1973 graduate of Eastern Lebanon County High School. He was vice-president of his FFA chapter last year and has also served as chaplain. He is currently vice-president of the E.L.CO. 4-H chapter. Like his Dad, Danny sees a bright future for those who go into farming. Jerry, 15, and twins Bill and Bob, age 9, are also active in 4-H and on their father's farm.

The family is thankful for the opportunities that have come their way, and Dan believes strongly that the most efficient and most productive business on Earth is the American family farm.

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1 CS-10P End Panel required for each group of stalls

Rear view of Calf Stalls

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ALLIS-CHALMERS

Plain & Fancy Contributes To AEB Promotion Fund

Plain and Fancy Egg Ranch, Elizabethtown, has contributed $5000 to the current nationwide fund drive by the American Egg Board (AEB). The AEB is trying to raise a million dollars to promote eggs to American consumers, and reverse the decline in per capita egg consumption. Plain and Fancy's contribution represents a cent a bird on chickens owned by the firm, and another cent on birds in flocks under contract.

Last Friday, John Snader, treasurer of Plain and Fancy, gave the firm's check to Charles A. O'Reilly, secretary of the Northeast Egg Marketing Association of Durham, New Hampshire. That organization has been serving jointly with Neppco in co-ordinating the AEB drive in New England and the Mid-Atlantic states.

Paul Hess, president of Plain and Fancy said, "We have wanted to see a concerted national program to really answer many of the unfair attacks made against eggs. We see American Egg Board as the proper vehicle to get the job done. It is not putting it too strongly to say that any egg producer who does not back AEB with his dollars may be helping to count himself out over the long haul."

Claude Hess, secretary of Plain and Fancy and Paul Hess, Jr. vice-president, both indicated they were hopeful that AEB's efforts in 1974 could substantially reverse the per capita consumption drop that has dogged the steps of the egg industry year after year.

Charles A. O-Reilly, left, secretary of the Northeast Egg Marketing Association, is shown accepting a $5000 check from John Snader, treasurer of Elizabethtown's Plain and Fancy Egg Ranch. The money will be used for egg promotion by the American Egg Board. Plain and Fancy officers looking on are, left to right, Paul Hess, Jr., vice-president, Paul Hess, Sr., president, and Claude Hess, secretary.

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Second best yield of 84 hybrids tested by Maryland Extension in Carroll County in 1973 - 158.7 bu. dry shelled corn per acre!!

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Doebler's most popular full season Single Cross. Excellent standup and top-notch appearance. Ears are low and girthy. Ideal for Southeastern Pennsylvania and Maryland grain production. Official yields have reached 221.8 bu. dry shelled corn per acre. A very consistent performer.

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Outstanding performer in both Penna. and Maryland in the 1973 Extension Tests.

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A Penn State released 3-Way Cross with exceptional yield and standup. Averaged 184.3 bu. dry shelled corn per acre in the 1970 Agronomy Tests in five Southeastern Pa. locations. Percent erect plants — 94.6 percent!! An excellent choice for grain or silage. Very blight resistant.

800-3 3 WAY - 115 DAYS
New in '73, 800 3-way is outstanding in yield, standup and tolerance to thick planting and drought. Yields of 200 bu. dry shelled corn have been reached in test plots. Look for a close attached ear of substantial length and girth. Excellent for silage.
800-3 was No. 1 of 84 hybrids tested - 14 bu. better in yield that any other hybrid brand in the 1973 Maryland Extension test in Carroll County!!

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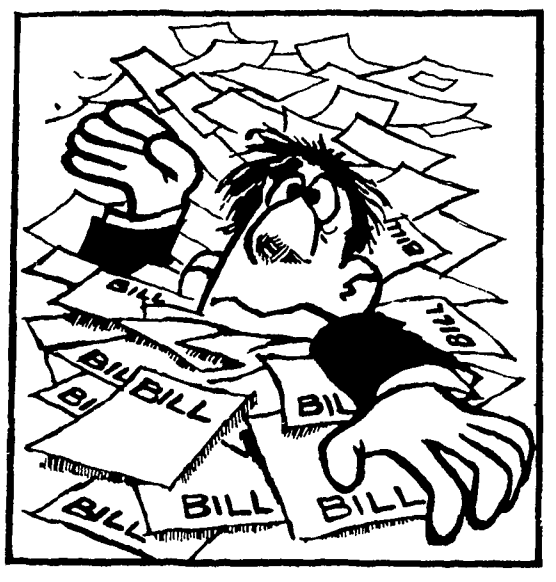
Meaning that you'll be paying off those Yuletide obligations faster, with greater ease and less worry.
Shouldn't you, and everybody, do it?



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To: *The People of Pennsylvania*

From: *Milton J. Shapp, Governor*

N. C. O'Data, a realtor from Pittsburgh, is not alone in his concern when he writes to me about the mortgage market situation in Pennsylvania.

Mr. O'Data in his letter said: "I believe that it would be proper and legal for you to declare a state of financial emergency in the state of Pennsylvania, due to the mortgage crunch in our state.

"The construction industry is affected," Mr. O'Data continues, "the prospective home buyers, the local mortgage market is on the decline due to the disregard of the public demand and the public interest."

Gov. Shapp: Since appointing the Governor's Commission on Mortgage Rates and Interest in 1973 and receiving their report, I have been urging prompt passage of Senate Bill 1255 as amended.

The bill passed the Senate this week by a vote of 442. The measure has now been sent to the House of Representatives where we are hopeful we will receive quick consideration.

I believe his bill, when enacted into law, will protect the consumers in the market place and restore a degree of flexibility to mortgage rates in Pennsylvania.

The amendments exclude private credit insurance from the interest rate ceiling. Insurance, which is usually needed on high risk loans, figures to about one-quarter percent of the mortgage.

Another change allows money lenders to tack on a one time only one percent service charge. For example, if your mortgage was $25,000, this charge would be $250.

Since the arbitrary eight percent ceiling was established last year, the real estate and housing industries in Pennsylvania have worked under severe handicaps to provide housing for low and moderate income Pennsylvanians.

The mortgage lending institutions have been literally forced to send funds out of state where higher rates prevail in order to earn a sufficient return to pay savers the newly allowable rates on savings deposits.

This new revenue restores the degree of freedom of movement in mortgage rates needed to bring mortgage money back into the state. The formula is based on the yield from longterm – ten years or more – government bonds with a two-and-one-half point add-on. This is the formula recommended by the Governor's Commission on Mortgage and Interest Rates.

The consumer protection features written into the bill include a requirement of full disclosure of the costs of residential motgage loans as well as a 30-day notice period in advance of an attempt to foreclose a mortgage.

Other consumer features are the right of the debtor to cure any default in mortgage payments and a limitation on the use of confession of judgment."

P&SA will Hold Public Hearing on Custom Feedlot Operations

The U.S. Department of Agriculture (USDA) proposed to amend the regulations issued under the Packers and Stockyards Act to clarify its position on the relationship between custom feedlots and meat packers, and to hold a public hearing on the proposal.

The proposed amendments include specific language to make clear that meat packers may not own, operate or control custom feedlots, and that custom feedlot owners may not own, operate or control meat packing firms. A custom feedlot, as defined in the proposed amendments, is any facility which is used for the purpose of feeding livestock for the accounts of others, excluding feeding incidental to the sale or transfer of livestock.

Packers would not be prohibited from feeding their own livestock for their own slaughter purposes.

The statement explaining the proposal also makes clear USDA requirements that custom feedlot operators who buy or sell livestock on a dealer or market agency basis must register and provide a reasonable bond.

The proposed amendments will be published in the Federal Register Jan. 17.

USDA's Packers and Stockyards Administration (P&SA) said the public hearing will be held Feb. 26-27 in Des Moines, Iowa, at the Holiday Inn Downtown, beginning at 10 a.m.

Those wishing to be heard at the hearing are requested to notify the P&SA Administrator, indicating the time they will need to present their comments. However, anyone who wants to testify will be heard.

Persons wishing to submit written data, views, or arguments concerning the proposal should file two copies by March 18 with the USDA Hearing Clerk, U.S. Department of Agriculture, Washington, D. C. 20250.

The record in this matter is open to the public. Material submitted in response to this notice, together with a transcript of the oral hearing, will be made available for public inspection at the office of the USDA Hearing Clerk.

Copies of the proposed amendments may be obtained from the Information Office, Packers and Stockyards Administration, USDA, Washington, D. C. 20250.

Goodwill Ind. Opens East Earl Twp. Store

Goodwill Industries of Lancaster County held a Grand Opening for its fourth store on February 1 at 10:00 a.m. in East Earl Township, according to Norman L. Schell, president.

The former Good's Clothing Store has been leased by Goodwill. It is located on route 625 about 1 mile off route 23 north of Blue Ball.

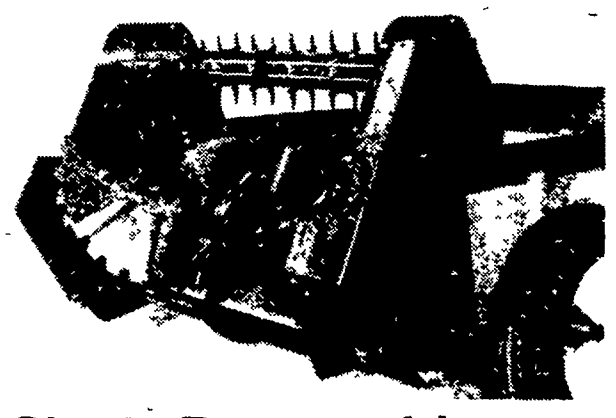
Manager for this latest Goodwill store will be Clyde Lutz of Denver RD1. A variety of clothing, shoes, and recycled furniture will be sold at rockbottom prices. Books, toys, and housewares will also be offered.

Marvin E. Miller, Jr., Pennsylvania state representative and recently elected board member for Goodwill Industries of Lancaster County, cut the ribbon at 10:00 a.m. officially opening the East Earl store.

Appetizing Appetizer

Cubes or slices of roast beef make popular appetizers. Simply serve a tasty dip such as horseradish or blue cheese with the cubes. Or spread the slices with the dip, roll up jelly roll fashion and secure with small wooden picks

One more reason for buying a new New Idea Spreader.



Single Beater with optional upper cylinder.

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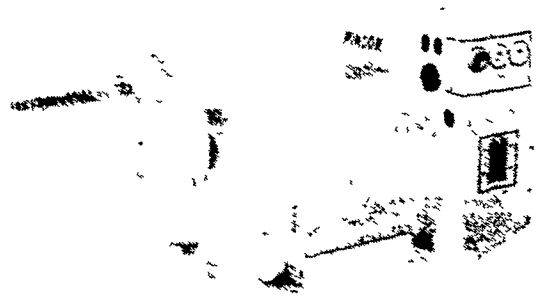

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Nutrition Labeling Proposed for Meat, Poultry Products

The U.S. Department of Agriculture (USDA) asked for public comments on a proposed voluntary nutrition labeling program for meat and poultry products.

The effective date for the USDA program would coincide with the Dec. 31, 1974 effective date established earlier this year by the Food and Drug Administration (FDA) for all other foods.

According to Animal and Plant Health Inspection Service (APHIS) officials, the proposal provides for voluntary participation on the part of meat and poultry processors. If a processor elects to participate in the program, he would conform to regulations governing the type and content of nutrition information and its placement on the consumer package.

APHIS officials stated that the voluntary program would be mandatory, however, for processors who make nutrition claims for their products--such as "High in Protein."

Processors who add vitamins, minerals or protein to their products, would also come under the mandatory sections of the program proposed today. The only exception would be those processors who add nutrients to their products for specific technological reasons--such as the use of ascorbic acid (vitamin C) in cured meats to accelerate the curing process. In this case, the processor would have to list the ascorbic acid only in the ingredient statement on the label.

Under the proposal, nutrition information would be titled, "Nutrition Information Per Serving (or Portion," The serving size, the number of servings in the package, the calories, protein, carbohydrate and fat content per serving would appear under this heading.

The amount of each nutrient listed would be accurately stated. On products which require cooking, the label would also show the nutrient levels remaining after cooking.

Immediately adjacent to the nutrition information, the processor would list the "Percentage of U. S. Recommended Daily Allowances, (U.S. RDA)" per serving for protein, vitamin A, vitamin C, thiamine, riboflavin, niacin, calcium and iron.

Under today's proposal, nutrition labels would be submitted by the processor to APHIS for approval. The processor would also have to submit a plan for an inplant quality control program to assure the product meets the nutritional values stated on the label.

Upon entering the nutrition labeling program, the processing plant will be under quality control monitoring by APHIS meat and poultry inspectors in addition to their regular inspection procedures.

Editor's Quote Book

Cast all your cares on God, that anchor holds
—Alfred Lord Tennyson
The Brook

FARM TRENDS

(Continued From Page 1)

2 percent from last year. If the expectations materialize, there will be 1.52 million acres planted to corn for all purposes and 415,000 acres seeded to oats.

Soybean plantings are expected to be 21 percent more than last year. If these intentions are carried out, there will be 70,000 acres in Pennsylvania planted to soybeans this year.

Barley plantings in the Commonwealth are expected to total 172,000 acres, the same as last year.

Pennsylvania farmers have planted 30 percent more acres to winter wheat for harvest in 1974 than they planted for harvest in 1973. If current forecasts of yield materializes, the 1974 winter wheat crop will be 30 percent larger than the 1973 crop.

Based upon a January 1 survey of grower intentions in 34 states, the following crop acreages are expected to be planted for 1974:

Corn -- 77.4 million acres, 10 percent more than a year earlier. Soybeans -- 54.9 million acres, down 3.3 percent from the previous year and the first time since 1958 that acreage has not increased over the previous year. Oats -- 18.8 million acres, down one percent from a year earlier. Barley -- 9.3 million acres, 15 percent less than in 1973. Sorghum -- 19.6 million acres, up one percent from 1973.

This special survey was made to obtain early information on farmers' plans to plant certain crops for harvest in 1974. The purpose of this report, published well in advance of actual spring seeding, is to assist producers and program planners in their plans for 1974. The survey covered 35 states. The comparisons with year earlier represent totals only for the 35 states included in the special January 1 survey.

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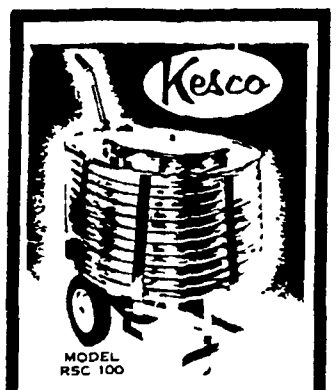
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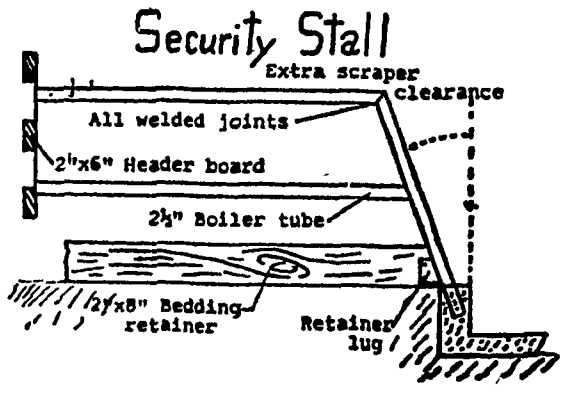

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Beat the Fertilizer Problem By Testing Your Soil First

Testing the soil before planting is especially important in 1974 to help beat the fertilizer problem and improve energy management.

"Farmers who test the soil to determine the nutrient level will avoid wasting fertilizer and save money," said Harold Owens, U.S. Department of Agriculture Extension Service agronomist.

Testing takes the "guess work" out of the amount of nutrients available in the soil for future crops. It indicates the exact quantity of fertilizer elements necessary for a specific crop yield goal for 1974. Soil tests help farmers adjust fertilization rates to conserve and make efficient use of the fertilizers available.

Fields vary considerably in chemical composition or plant nutrient content. Lawns, gardens, golf courses and all lands to be fertilized should be tested, Owens said.

Farmers may find their soil's nutrient level has changed and this may reduce the rate needed of specific nutrients. To illustrate, a summary of Ohio soil tests over a 10-year period showed an average increase from 18 to 35 pounds per acre for phosphorus, calling for a reduction in phosphate fertilizer applications.

Extension Service offered this guidance on soil testing:

In general, soil should be tested every three years. If you have had your fields tested within the past three years, you may update your lime and fertilizer recommendations for the next crop by using the previous soil tests and adjusting for plant nutrients removed or added. For intensive cropping systems requiring heavy fertilizer treatments, you may want to test the soil each year.

While a soil sample may be taken almost any time, it is best to take the sample when the soil is not too wet nor too dry but in good plowing condition. Testing should be done early enough to allow time for testing and getting the report and recommendations back from the laboratory before planting time. This can take from one to four weeks, depending on the backlog of samples and condition of the soil samples. Check with your county Extension agent for instructions on taking soil samples for testing and the address of available public and commercial soil testing laboratories.

Shopping Tip

Here's a tip to help you become a smarter meat shopper. When buying beef for meals compare price per serving rather than price per pound. Some boneless cuts are better buys because they have little waste, and it's price per edible serving that really counts. Get to know the many beef cuts available and consider all of them, even those less familiar ones.

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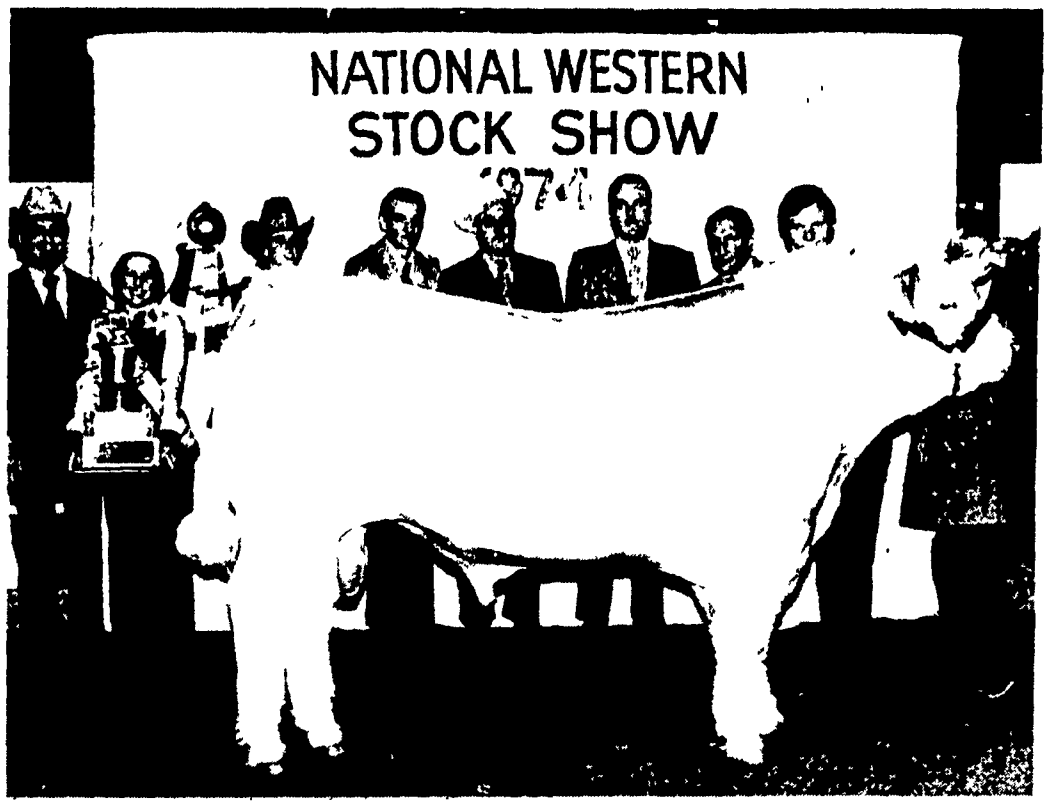

Grand Champion Charolais bull at the fifth National Charolais Show held at the 1974 National Western Stock Show was SHF Sir Royal Sam 1st, exhibited by Penn State University, University Park, Pa.; Stone Hollow Farm, Davidsville, Pa.; and Royal Charolais Co., Uniontown, Pa. The smooth polled junior yearling was selected out of 110 bull entries. Shown with the champion are from left Erskine Cash, PSU; Penny Nash, Miss Charolais USA; Debra Bauman, Rocky Mountain Charolais Queen; Gail Long, judge; Howard Johnson, AICA president, Kansas City, Mo.; Logan Dickerson; Herman Purdy and Less Haller.

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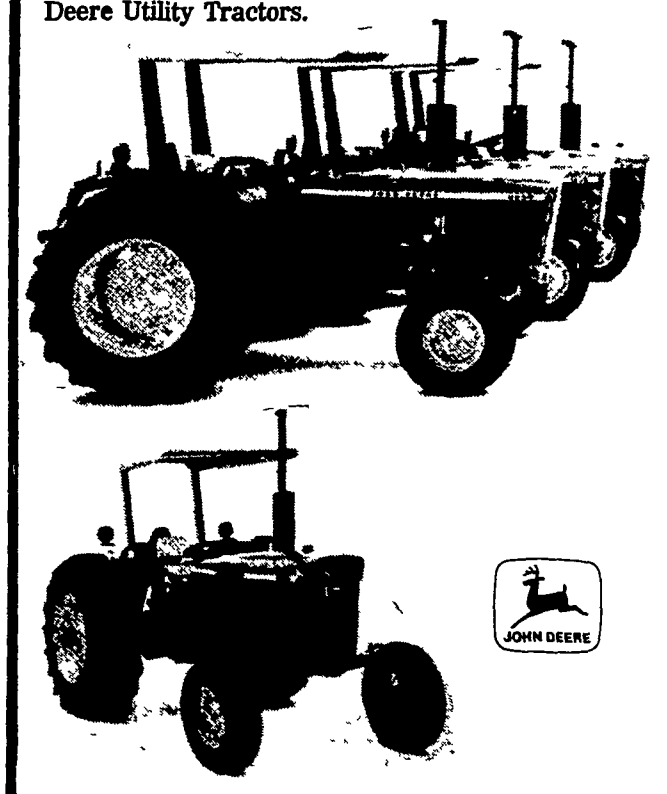

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DHIA Tests Show High Milk, Fat Levels

Cows enrolled in the Pennsylvania Dairy Herd Improvement Association testing program produced an average of 12,675 pounds of milk per cow, according to figures released ty The Pennsylvania State University Department of Dairy Science.

Data, which were summarized by computers, reveal that the 185,779 cows on test had an average production of 488 pounds of butterfat. Six herds produced over 19,000 pounds of milk.

"Pennsylvania's DHIA production average 16 years ago was 9,259 pounds of milk and 376 pounds of butterfat," said Herbert C. Gilmore, Penn State Extension dairy specialist. "This year 12 herds produced more than 700 pounds of butterfat and 313 herds topped the 600-pound mark."

For the second straight year, the 30-cow Holstein herd owned by Thomas R. Williams, of Uniondale, Susquehanna County, captured high state milk production honors with an average of 21,945 pounds per cow. Gladell Farm, of Millheim, Centre County, with a 39-cow Holstein herd, produced an average of 839 pounds of butterfat, also highest in the state.

Other top producing herds by breeds are: Ayrshire, Ardrossan Farms, of Villanova, Chester County, 13,392 pounds milk and 576 pounds of butterfat; Guernsey, Herbert R. Guyer, of Derry, Westmoreland County, 14,429 milk and 702 fat; Jersey, Mrs. Ross Gale, of Yardley, Bucks County, 10,973 milk and 575 fat; and Brown Swiss, A. L. Morrison, Jr., of West Alexander, Washington County, 14,025 milk and 590 fat.

Owners of individual cows with the highest butterfat production are: Ayrshire, Ardrossan Farms, 820 fat and 17,826 milk; Guernsey, Pen Col Farms, of Millville, Columbia County, 924 fat and 21,028 milk; Holstein, Gladell Farm, 1,683 fat and 32,247 milk; Jersey, Clyde and Robert Robison, of Coal Center, Washington County, 916 fat and 16,389 milk; Brown Swiss, Delaware Valley College, of Doylestown, Bucks County, 888 fat and 17,633 milk; and Milking Shorthorn, Jonas O. Sensening, of Holtwood, Lancaster County, 583 fat and 13,732 milk.

Baling Wire, Fertilizer Supplies 'Tight'

Secretary of Agriculture Earl L. Butz urged the Cost of Living Council to give favorable consideration to granting immediate price relief to manufacturers of baling wire and other steel products used in farming. The Secretary also reported some improvement in the fertilizer supply situation.

"President Nixon and Vice President Ford both have expressed grave concern that potential shortages of baling wire and fertilizer, if not forestalled, could severely hamper the efforts of our farmers to achieve all-out farm production in 1974," the Secretary reported.

"The baling wire situation is extremely tight. Our Agricultural Stabilization and Conservation Service personnel have been monitoring the situation closely for some time. At current controlled price levels manufacturers' margins are so low that they are not producing. The Cost of Living Council reports it has this situation under current review.

"That is why I have urged the Cost of Living Council to grant price relief on steel products used by farmers, and to encourage baling wire producers to step-up production for domestic use to the maximum extent feasible if price relief is granted.

"I am directing the Department of Agriculture to intensify its efforts to monitor the baling wire situation. Department of Agriculture personnel will continue efforts to work with the steel industry, through the Commerce Department, to assure that every possible step is taken to produce the baling wire farmers will need in 1974.

"The fertilizer supply situation has improved since controls on domestic fertilizer prices were lifted last Oct. 25.

"At that time fertilizer manufacturers agreed to divert to domestic markets 1.5 million tons of fertilizer which had been scheduled for export, to do what they could to keep marginal plants in production and open closed plants, and to speed up completion of fertilizer plants under construction.

"I am pleased to report some progress has been made in increasing available fertilizer tonnage. We have some indication that fertilizer sales to farmers during the fall of 1973 were substantially above sales for the same period in 1972.

"Because of continuing strong demand, the supply situation for nitrogen and phosphate fertilizers will remain extremely tight. We shall continue to monitor it very closely to do everything we possibly can to improve the fertilizer supply situation for the 1974 crop."

Crop Oats Loan Rates Rise 2-cents In Pa.

Support loan rates at the county level for 1974-crop oats will be adjusted by reductions of one cent in some areas to increases of one to four cents in others, the U. S. Department of Agriculture (USDA) announced. Adjustments are reviewed annually to improve loan rate relationships with historical cash oats prices received by farmers.

County loan rates are based on an unchanged national average support of 54 cents per bushel which was announced last Aug. 29 by USDA's Agricultural Stabilization and Conservation Service.

The one cent per bushel reduction in loan rates applies to all counties in North Dakota, South Dakota and Minnesota and in neighboring counties in Montana, Nebraska, Iowa and Wisconsin. Loan rates are increased one cent in Oklahoma, one to two cents in Indiana, two cents in New York, Pennsylvania, Ohio and Oregon, three cents in California and four cents in Texas. Other areas remain unchanged from 1973.

Premiums and discounts for grade and quality used to determine individual producers' support loan rates are unchanged from the 1973 program. Premiums are one cent per bushel for Grade No. 2 or better, one cent for heavy test weight and two cents for extra heavy test weight. The discount for badly stained or materially weathered No. 4 oats is seven cents per bushel; on the factor of test weight, it is three cents per bushel. Discount for garlicky oats is three cents per bushel.

Support will be carried out through loans on oats stored on farms or in elevators, and by purchases.

Copies of county rates are being sent to state Agricultural Stabilization and Conservation Service (ASCS) offices. Copies also are available in the Grain Division, ASCS, U.S. Department of Agriculture, Washington, D. D. 20250.

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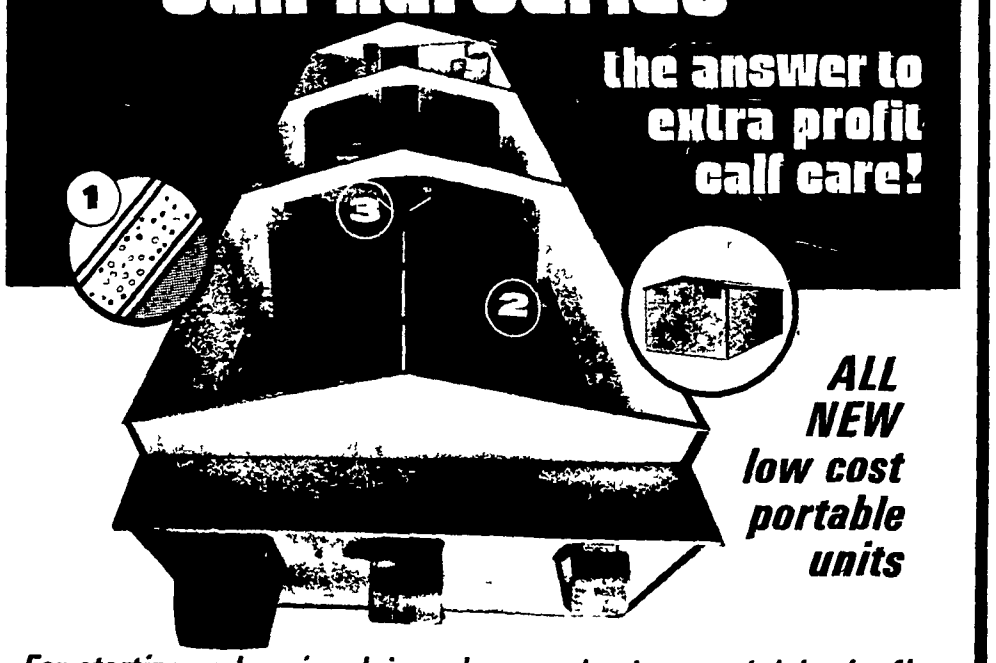

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Metric System

To help you prepare for the eventual change, Trudy Dougherty, Chester County Cooperative Extension home economist, passes on this layman's guide to the metric system.

There are three basic metric units–the gram for weight, the meter for length, and the liter for volume. You need to remember some prefixes, too. Milli, meaning one-thousandth; centi, meaning one-hundredth; and kilo, meaning one thousand times.

The gram is about the weight of a paper clip. The kilogram is slightly more than two pounds. The meter is a little longer than a yard. The millimeter is the diameter of a paper clip wire. The centimeter is the width of a paper clip. The kilometer is somewhat longer than half a mile. The liter is a bit larger than a quart, while five milliliters make a teaspoon.

A 37 degree day is nearly 99 degrees on our Fahrenheit thermometer, and zero is the freezing point of water and 100 the boiling point.

Get ready--the metric system is coming.

NHA Hopes to Ease Bailing Wire Shortage

Shortages of baling wire needed last year during the hay harvest and the need for emergency freight rates to permit the shipping of two forty foot boxcars on one freight bill were among the main topics discussed at the Mid-Term Board of Directors Meeting of The National Hay Association, Inc., in Lake Worth, Florida.

Arnold Poppe, president of the trade association of hay shippers, brokers, dealers and receivers, appointed vice president Robert C. Horton, Kenosha, Wisconsin; Directors Ronald T. Anderson, Ellensburg, Washington, and Dick Spears, Manchester, Tennessee to serve as an ad hoc committee to "leave no stones unturned in their efforts to see that farmers who need baling wire are able to purchase this essential item."

Both baling twine and wire were in short supply last year but the wire shortage created the greatest problem. This wire shortage problem can be solved if steel mills in this country will recognize the necessity of producing more of this essential agricultural item.

Horton is chairman of this committee which will also address its attention to the need for more hay baling twine.

"The emergency need for railroad freight rates that will permit two forty foot boxcars to be shipped on one freight bill at the forty thousand pound rate is based on two facts. Shortage and high cost of fuel are both creating problems in transporting hay by trucks from surplus to deficit areas. The energy need per ton mile to haul hay by railroads is many times lower than that required by highway carriers", states Benjamin Trumbull, Jackson, Michigan, Chairman, Transportation Committee of The National Hay Association.

After February 22, 1974 railroad freight rates will have been increased six times during the last four years. The minimum rates on the amount of hay that can be shipped in a forty foot boxcar are higher than the rates on hay in a fifty foot car, but fifty foot cars are seldom available for shipping hay. This is the reason for the need for emergency rates on two forty foot cars at the forty thousand pound minimum rate. The two forty foot cars would be loaded to full visable capacity.

The Interstate Commerce Commission has been urged to authorize the railroads to make effective at once the change in rates on hay as suggested above. This arrangement is nothing new as it has been effective in times of drought in the past.

"The saving", continued Trumbull, "to cattle feeders if the hay moved in two forty foot cars on one freight bill at the forty thousand pound minimum rate from the Green Bay, Wisconsin area to a destination in the Southern Territory which now carries a rate of $22.40 per ton on a 30,000 pound minimum (and seldom can that much hay be put in one forty foot boxcar) would be $4.00 per ton if our request is granted. The freight for the same distance on a 40,000 pound shipment is $18.40 per ton.

Boxcars unsuitable for other commodities can be used for shipping hay.

Hay is an important ingredient in the pipeline that leads from the soil to the consumers' table where meat and milk are concerned.

Swine Production Skills Will Be Presented At Penn State Conference

Men and women who are relatively inexperienced in the essentials of swine production will have an opportunity to learn valuable skills by enrolling in a Basic Swine Management Conference scheduled for March 26-28 at The Pennsylvania State University. Sessions will be held in the J. O. Keller Building.

Topics covered during the three-day conference include planning the swine enterprise, diseases, buildings, management, genetics, breeding, testing programs, environmental controls and regulations, and waste handling systems.

Instruction will be presented by Penn State faculty members who have specialities in the areas of animal science, veterinary science, agricultural engineering, and agricultural economics.

A registration fee will cover the cost of instructional materials.

For additional information and registration forms, contact the Agricultural Conference Coordinator, 410 J. O. Keller Building, University Park, Pa. 16802.

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17 Classified Daus. Ave. 83.4

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So. Lancaster: Feb. 19, 7 p.m. at U. Meth. Ch., Quarryville
Leb. - So. Dau.: Feb. 13, 10 a.m., at City-County Bldg., Leb.
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Harnish

(Continued From Page 1)

to grow continuous corn, especially if we were using no-till methods."

Is it economical to employ both terraces and no-till methods? "Getting both at the same time was kind of accidental," Harnish said. "We had already decided to get the terraces installed, and then we decided we needed a new plow, too. I had been reading about no-till, and I figured we'd be better off getting a no-till planter instead of a plow. I'm glad we did. I wouldn't want to be without the terraces or the planter."

Terraces slow the movement of rainwater through Harnish's corn fields, and the ground cover which is a feature of no-till farming retards evaporation. "Our corn holds up very well in dry weather," Harnish commented.

Corn is grown on about 45 acres, with the rest of the acreage given over to hay and pasture for the 100 head of breeding ewes on the farm. In addition to the lamb operation, Harnish contracts some 27,000 broilers.

Harnish discs his corn fields either in the spring or fall. He uses Paraquat as a preemergence herbicide to kill vegatation before planting, and also sprays for weeds. Since each crop requires only four trips through the field, Harnish figures he's saving a considerable amount of field work, in addition to conserving soil and water. He makes one trip to disc, one to plant, one to spray and another to harvest. While he hasn't run any yield checks lately, Harnish feels his average corn yield is about 100 to 125 bushels to the acre.

While some of Harnish's corn crop is fed to the sheep, most of it is sold either as ear corn or as grain. All the stover is left in the field as a ground cover. An attachment on the planter allows Harnish to knife in liquid nitrogen as he plants the crop. Phosphorus and potash are broadcast in granular form.

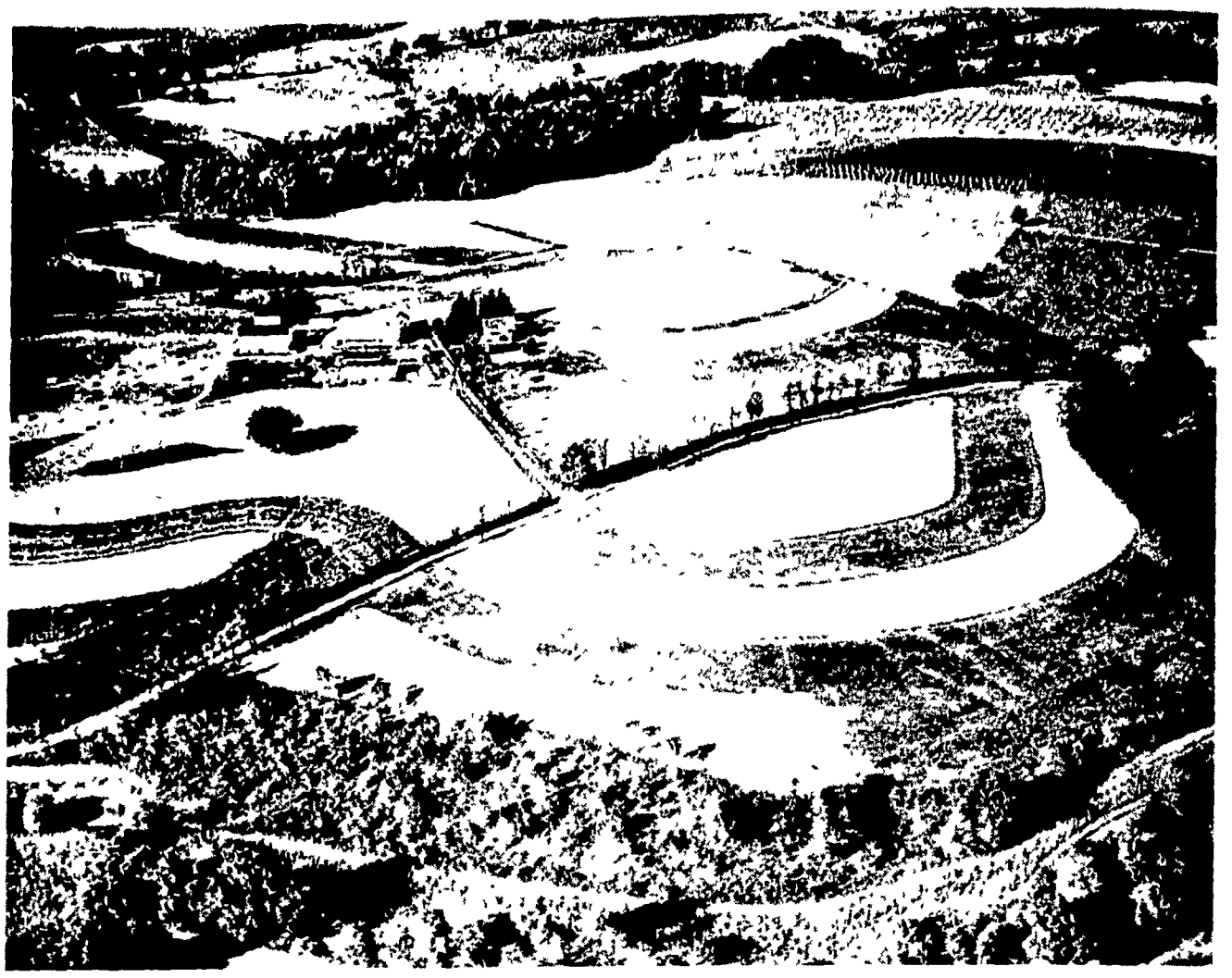
If he could, Harnish would plant a rye crop after taking the corn off. "Farmers who cut their corn for silage can plant rye as a winter cover, and this helps even more to conserve soil. We can't do that, though, because by the time the corn dries to the point where we're able to pick it, it's already too late to plant rye."

Harnish recalled that the terraces were constructed after fall harvest without any disruption at all in the farm program. Sheep manure is spread on the corn land, and Harnish says they have very little runoff, even in heavy rains. Grassy strips next to the stream that runs through the farm help save even more soil.

Within the next few years, all farmers in Pennsylvania will be required by law to adopt a certain level of conservation farming. Robert Harnish has been ready for that day since 1966. In fact, his program may well exceed the state requirements. Even so, he wouldn't want to be without any of his conservation practices. Law or no law, Harnish is a conservation farmer because he feels conservation farming keeps more soil on the land and puts more money in the bank.

Crop Rotation

Think of the goodwill, progress and increase in productivity we've brought about in backward countries through our technological advice and assistance As a result of our instruction, one little Asian country is practicing crop rotation - Opium one year - hashish the next



This 1956 aerial photo shows the strip cropping pattern that had been used on the Harnish farm since the late 30's. An aerial view today would show a much different layout, with a mobile home park in the lower left, and terraces instead of strips.

Red Rose Farmers, Officers Announced

Red Rose Farmer degrees were conferred on 49 Lancaster County FFA members on Monday, and officers for the coming year were selected at the same time. The new officers will assume their posts in May during a leadership training conference. On Thursday, the winners were announced in the county FFA project book evaluation contest.

The officers named, and their respective chapters, were: Barry Wissler, Cloister, president; Don Weaver, Grassland, vice-president: Jeff Glackin, Solanco, recording secretary; Brian Ober, Brownstown Vo-Tech, corresponding secretary; Dwight Hauser, Lampeter-Strasburg, treasurer; Kevin Rohrer, Manheim Central, reporter; Bob Buckwalter, Penn Manor, sentinel; Nelson Martin, Pequea Valley, chaplain; Dwight Martin, Elizabethtown, parliamentarian.

Red Rose Degrees went to the following members of each chapter:

Brownstown Vo-Tech

Barry Smith, Brian Ober, Keith Herr.

Elizabethtown

Dwight Martin.

Ephrata

Leonard Martin, Barry Wissler, James Felpel, Rick Gensemer, Tom Horst.

Lampeter-Strasburg

John Harnish, Timothy Wilson, Dwight Houser, Jeff Cramer.

Manheim Central

Roy Sauder, Joe Snavely, Robert Hershey, Kevin Rohrer, Doug Layton, Darryl Ebersole, James Heffley.

New Holland

Lloyd Hoover, Scott Steffy, E. Clair Martin, Keith Fiester, Glenn Hursh, Don Weaver, Jerry Long, Tom Martin.

Penn Manor

Wendell Kibler, Richard Burkholder, Charles Kauffman, Gary Long, Robert Buckwalter, Mark Farmer, Randall Hunt, Carl Gerlach, Marlin Harnish.

Pequea Valley

Thomas Denlinger, John Beyer, Nelson Martin.

Solanco

John Zander, David Reath, E. Robert Peifer, Gary Wells, David Young, Joseph Winter, Thomas Galbreath, Jeff Glackin, Dave Geihart.

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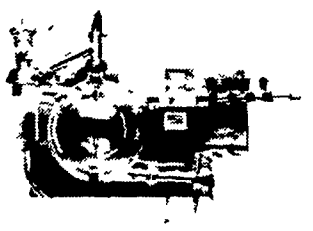

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Pork Meet

(Continued From Page 1)

47 to 49 percent gets "3", and anything lower gets a "4". These percentages are actually dressing percentages, Sparlin commented, and include the ham, loin, shoulder, picnic and Boston butt, but not the sides. Muscling quality is also judged on a sliding A-B-C-D scale.

Hogmen who want to market through PFA must contact Sparlin two days ahead of time, to tell him they've got a load of grade and yield hogs. The packer figures his price on the average of the prices paid in Peoria, Chicago and St. Louis the day before the hogs are delivered. If the hogs grade high, the producer gets a bonus.

Mark Nestleroth, a Manheim hog breeder, told the group he sells all his market animals on a grade and yield basis. "I do it because I get more money," he said. "My hogs grade 85 to 90 percent B1. I like grade and yield because it helps me know what kind of hogs I'm sending to the packer."

Sparlin emphasized Nestleroth's comments, saying that the industry had to make improvements in every area of hog marketing and growing.

Also on the program was an explanation of hog contracting by Paul Gehman of Gehman's Feed Mill in Denver. Gehman told the group that his company is the largest hog contracting firm in the area, with some 9000 animals out on feed. Contractees get a $2 guarantee on all marketable hogs plus at least 50 percent of the profit, Gehman said. They favor farmers with environmentally controlled buildings, and don't like operations where some hogs are contracted and some are owned by the farmer.

"That doesn't work too well, we've found," Gehman said. "Disease is a problem, and there's always a chance that some of our feed is going to find its way into the farmer's own pigs."

One of Gehman's farmers, Monroe Good, was at the meeting to tell why he liked the idea of contracting. "I'm basically a dairyman," he told the group. "Hogs are a secondary income for me. I like contracting because it gives me a little insurance. I know I'm going to make some money, at least. It saves me time, too, because I don't have to hunt the feeder pigs to fill up my pens. And I don't have to borrow money at 8 percent to pay for my pigs and feed."

Gehman told the farmers that their contractees paid the same price for feed that other farmers paid. The only difference in feed prices was that a quantity discount was not given to contractees.

On the subject of the hog market in the next six months, Sparlin said pork producers would have to contend with the high cost of feed in the coming months, and big question marks in the cattle market. Another big question, he noted, was the number of feeder pigs produced in the last two months.

"There's been no increase to speak of in the Midwestern hog operations. This could tighten supplies, so I think the next six months looks pretty good."

Gehman pointed out that in 1966, growers were netting about $6 to $7 per head. Today, they're netting about the same, but they now have twice as much money tied up in their operations. The feedman also said that corn prices could go up to $3.40 per bushel in the near future.

Consumers' Corner

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There's good news for those who can't knit or crochet or don't take the time to. Now you can give sweaters, jackets or dresses a hand-knit look by sewing with sweater knits

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Sweater knits are already bulky, so try to avoid adding extra bulk when you sew. Stitch seam allowances together. Trim off excess seam allowances, if too bulky Some horizontal seams may need help to prevent stretching, so stitch seam tape into the seams

And set in the sleeves before you sew underarm seams Don't bother to ease stitch Just pin in place, matching dots and notches. Sew with the bodice-side up, stretching the seam so the bodice just fits the sleeve cap, but don't stretch the sleeve. Then sew side and underarm seams.

On sweater hems, use the machine's blind hem stitch Or you might want to finish the neck, wrist and waistline edges with ribbing .

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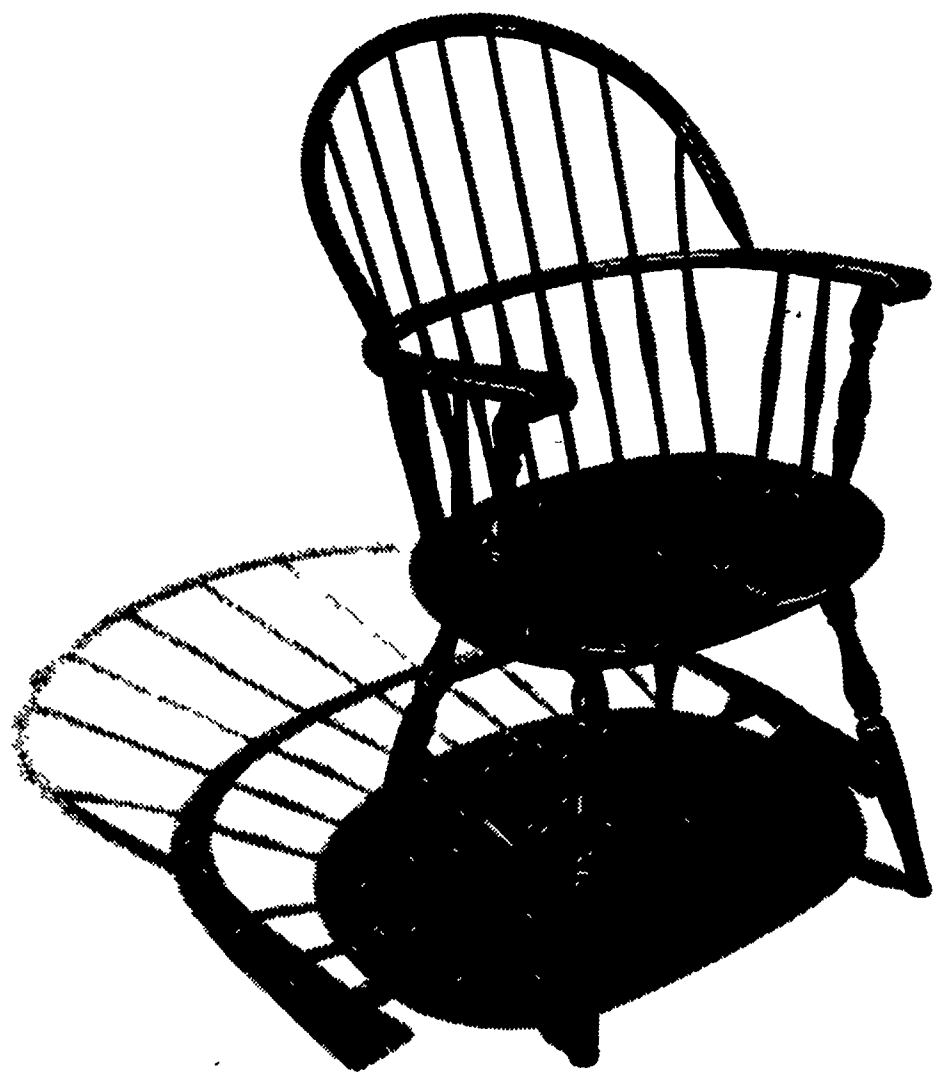

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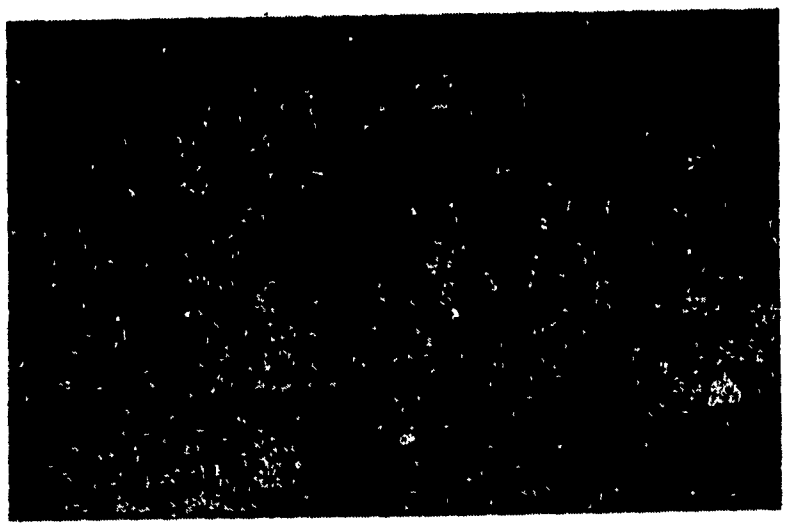

The William Longeneckers

Shepherding in Lancaster County

William W. Longenecker, Mount Joy RD2, is a shepherd in two senses of the word because he raises many sheep on his farm and is a pastor of the Salunga Church Of The Brethren. His wife, Peggy, a graduate nurse, helps him in both vocations.

Longeneckers own and operate a small farm on Risser Mill Road, in Rapho Twp. where they keep 240 ewes and six to eight rams. Traveling route 283 in the Mount Joy area, at times you might have seen their large flock of sheep out on pasture. They have one of the largest flocks of sheep in Lancaster County.

They are in the midst of the lambing season now, the first ones arriving in December and they expect a lot between now and March or April. They should have a total of about 350 lambs by spring. They are running about 150 per cent lamb crop, in other words there are a large number of twins born. This is accomplished through good breeding. They have bought triple breed western ewes through Lancaster County Extension Service since 1964. These ewes are bred for heartiness, wool production and motherliness.

Rev. Longenecker, Bill as he prefers to be called, kept about 50 yearling sheep of his own last year. He buys purebred Hampshire rams from local farmers. Besides the cross breeds he has other breeds such as Suffolks and Dorsets. All of his market is commercial.

He sells his lambs at Lancaster Stock Yards at about 90 to 100 pounds. It takes about four months in the spring for a lamb to reach that weight and up to eight months in the summer as lambs develop faster in the spring than summer.

It is very desirable to have ewes give birth to twins as it is much more profitable. However, with twins it sometimes becomes necessary to adopt twin lambs and you have to bottle feed them using a calf starter feed. Many times it is necessary to lose sleep at night to assist the ewes in their deliveries. This is where Peggy's nurse's training is helpful.

Bill says "She helps in the maternity." She also helps bottle feed the adopted lambs. The biggest problem in raising sheep is internal parasites. Bill treats the ewes about three times a year and the lambs monthly in the summer.

Most of their wool is sold in six grades at auction at Cumberland County Wool Pool. Elam Fisher, who sheared their sheep, bought it this year. They sheared 262 sheep.

William has all of their 62 acres of farmland, which he has reconditioned, in pasture. He pastures whenever the weather and the ground are fit. He makes cuttings of hay on some of the pasture, and raises all the hay he uses. What hay the sheep do not eat is used for bedding. The hay is mostly bluegrass and clover. He feeds the sheep some grain during

Mrs. Charles McSparran

lambing season and feeds a commercial feed to fatten the lambs.

William was born and raised on this farm. His grandfather, Sanuel Wogelmuth, bought it for his daughter Barbara. She and her husband William Longenecker Sr. moved there in 1905. Mr. Longenecker had a dairy, later steers and hogs. Bill and Peggy bought the farm in 1960 from his parents and raised steers, hogs, chickens and a few sheep. He fed 130 to 140 steers a year, 70 to 80 at a time, kept 3000 Leghorn laying hens until 1968 and fed 200 hogs a year. When he became a pastor in 1966 he went to sheep as he didn't have time for his former operations. Now sheep is the only livestock he has.

Rev. Longenecker graduated from Mount Joy High School and Elizabethtown College and attended Bethany Seminary in Chicago. He was interim pastor of Bareville Church Of The Brethren from October 1966 till June 1968. Right after that he was interim pastor for several churches. His congregation at the Salunga Church Of The Brethren numbers about 140 people but he is active in evangelistic work. He has conducted over 140 revivals at various places as far away as Iowa and Florida. He and Mrs. Longenecker have possibly been most active in youth work, not only working with youth activities of his own church but reaching out to other youth far and near.

Rev. Longenecker has adapted his farm to accommodate church youth day camps, picnics, hayrides, rallies, baptisms, Galilean ministry and other youth meetings. He tore down a tobacco house and made a volleyball court, a pavilion and a long picnic table, all from materials out of the tobacco house.

He designed and had a double pond dug then built a covered bridge between the ponds. He hauled in sand for the bottom of the pond, built a diving board and a large bath house complete with plumbing. He uses chlorine to keep algae from developing in the ponds. He keeps a row boat at the pond which he uses to perform a Galilean ministry. He preaches from the boat while the group sits on the sand edge. This pond

Sheep wander out in the snow and create a beautiful scene with Longeneckers' ponds, covered bridge and pavilion in the background.

Peggy Longenecker loves to entertain. Her daughter Kathy enjoys a snack of her mother's homemade bread and jelly.

has been used for different churches to baptize. Young people swim and boat in the ponds as well as have skating parties. However, the pond is not open to the public.

Rev. Longenecker built a lean-to shed onto his house which has a very large fireplace. They have a large round table and benches around it where the church young people have get-togethers in wintertime. Longeneckers also remodeled their kitchen, making it very usable for groups. It has cupboards built over a double sink in an island between the kitchen work area and the dining area. The island has a snack bar on the dining side of it. They also changed partitions in their house, building a large flower box in one end of the living room opposite a small study room at the other end.

Longeneckers was the meeting place of the Jesus People in 1971 and 1972. About 300 to 400 met there in their barn every Sunday night from July through November in 1971 and from April till October in 1972. There were young people from junior high schools, senior high schools and many college age; interdenominational, Brethren in Christ, Methodists, Brethren, Mennonites etc. They gave testimonies and were very sincere in their enthusiasm.

The rallies at Longenecker's started when Ted Hayes, California, and nine or 10 young people were at William's church one Sunday morning and a couple more joined them for the rally that night. About 350, young and old, appeared for the rally the first night. Bill put up signs directing them to the rally. Some of these same young people met Tuesday and Friday nights at Way Inn Barn (Mennonite) near Leola.

Last fall Donegal High School band and chorus had a get-together in Longeneckers' barn. They built a tunnel through the bales of hay in the hay mow and really had a good time.

Longeneckers have held Day Camp for three or four weeks the past three years at their farm. Ten or 15 children from kindergarten age through ninth grade from the Salunga and Landisville Churches Of The Brethren and other young people of the area attended. They were mostly children who were not connected to any church or did not attend daily vacation Bible school. The Salunga Church Of The Brethren staffed the camp. They had Bible study and crafts, sang, swam and went row boating. Some slept in sleeping bags in the barn and the older ones camped out.

Peggy, the daughter of Mr. and Mrs. Earl Smith of Franklin County, grew up on a 35 acre farm near Shippensburg, Pa. and her father was employed in town. She graduated from Chambersburg High School, and Harrisburg School of Nursing. She then worked in a Doctor's office in Shippensburg about a year before marriage. She met Bill when he conducted two weeks of evangelistic services at her church. After they were married Peggy woked nearly five years at Lancaster General Hospital, doing general duty one and a half years and worked over three years in the recovery room.

Longeneckers have two children. Thomas is 8 years old and is in second grade at Grandview Elementary School in Mount Joy. Kathy is four years old.

Peggy backs up her husband with his church work and the sheep 100 percent. She doesn't help on a regular basis with

(Continued On Page 26)

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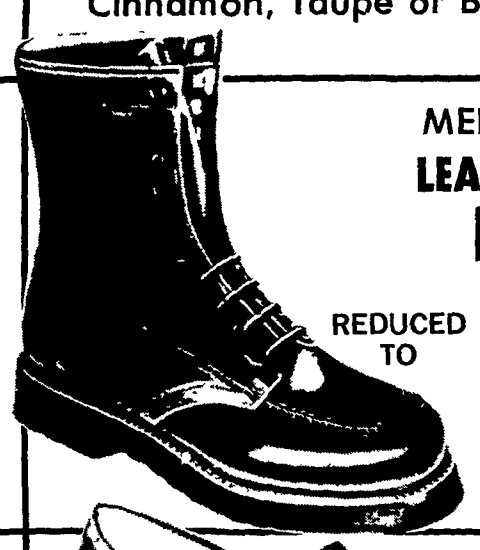

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Shepherding in Lancaster County

(Continued From Page 24)

the sheep but usually helps every day. She helps when an ewe has difficulty lambing and helps feed. She goes out and checks the ewes if Bill is away.

She also supports him in all his church and pastoral duties. She teaches a teenager's Sunday School class and works mostly with the young people. She has the young people of their church for spaghetti suppers at their home several times a year.

Peggy, like most farmers' wives, takes care of the lawn. They raise potatoes and sweet corn for their own use and she freezes some of the corn. They have their own grapes so she makes grape, cherry and other jellies. She also paints the inside of their house. She sews some for herself and Kathy and makes curtains and draperies for their home.

The Longeneckers enjoy traveling and usually combine their sight-seeing with attending their denomination's annual conference. Rev. and Mrs. Longenecker went twice to Long Beach, Calif. One time they drove to a conference at the University of Oregon, and took her parents along. They also saw many places enroute. They went to Florida a few years ago, and have also been to New England. Last year Rev. Longenecker broke his heel and couldn't go to California so Mrs. Longenecker and Tommy attended the conference.

Peggy reads a lot. She says "I read anything I can get my hands on and Tom does too. Bill has quite a library and religious periodicals and I read them."

Peggy and Bill are very hospitable to any guests coming into their home and love to share their facilities, not only to church groups, but also hosting their family reunions.

She has a few short cuts to help her prepare for company ahead of time thus saving the last minute rush in preparing food for a lot of people. She gives us her recipe for a biscuit mix which can be used for pancakes and dumplings and a hot chocolate mix. Another do-ahead recipe is a frozen salad, also a delicious, yet easy to make fruit dessert. As we might expect she also gives a recipe for lamb.

Biscuit Mix

(For pancakes, biscuits and dumplings)
Sift together:
9 cups flour
1-3 cup double action baking powder
1 cup plus 2 tablespoons non-fat dry milk
4 teaspoons salt
Cut in 1¾ cups vegetable shortening.
BISCUITS: One-half cup water to 2 cups mix.
Bake 10 minutes at 425 degrees.
DUMPLINGS: 2-3 cup water to 2 cups mix.
Drop in boiling broth. Cover and cook 12 minutes.
PANCAKES & WAFFLES: Add:
1 teaspoon sugar
1 slightly beaten egg, stirred into 1 cup water.
To 2 cups mix
Store mix in tightly covered plastic tub or glass jar.

Hot Chocolate Mix

1 pound powdered milk (8 quart box dry milk)
1 large (2 pound) box instant cocoa mix
6 ounce jar non-dairy creamer
2-3 cup powdered sugar (10X)
Mix together one-quarter cup mix to 1 cup boiling water.
Store mix in tightly covered plastic tub or glass jar.

Pineapple Cream Cheese Salad

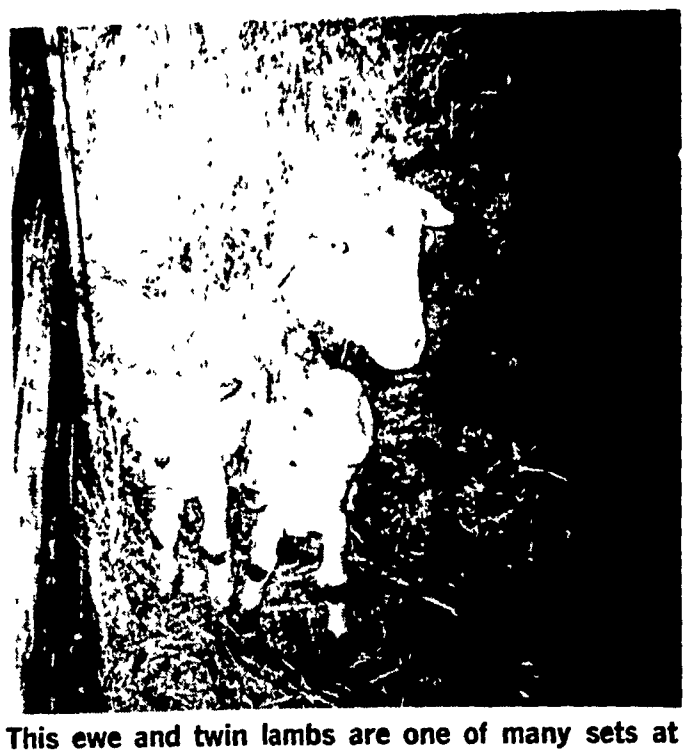
Combine and cream:
2 3 - ounce packages cream cheese
2 tablespoons lemon juice
1-3 cup salad dressing
1 teaspoon salt
Add:
1½ cups diced or crushed pineapple
1 pint fresh or frozen strawberries (drained)
¼ cup chopped nuts
2 cups miniature marshmallows
Fold in:
1 package whipped topping mix or Dream Whip
Pour into mold and freeze.

Fruit Dessert
(12 servings)

Stir together:
1 can crushed pineapple, don't drain
3 oranges, chopped f ne
3 bananas, chopped fine (pour juice of 3 lemons over bananas to keep from turning brown)
1½ cups sugar.
Dissolve 2 envelopes unflavored gelatin in 1 pint cold water. Pour 1½ cups hot water into the cold gelatin, then pour total liquid over fruit and let stand. Stir while thickening to prevent bananas from staying on top.
Mix in large bowl. Makes 2½ quart of fruit. Fruit cocktail or other fruit could be substituted for oranges and bananas.

Barbecued Lamb Shanks

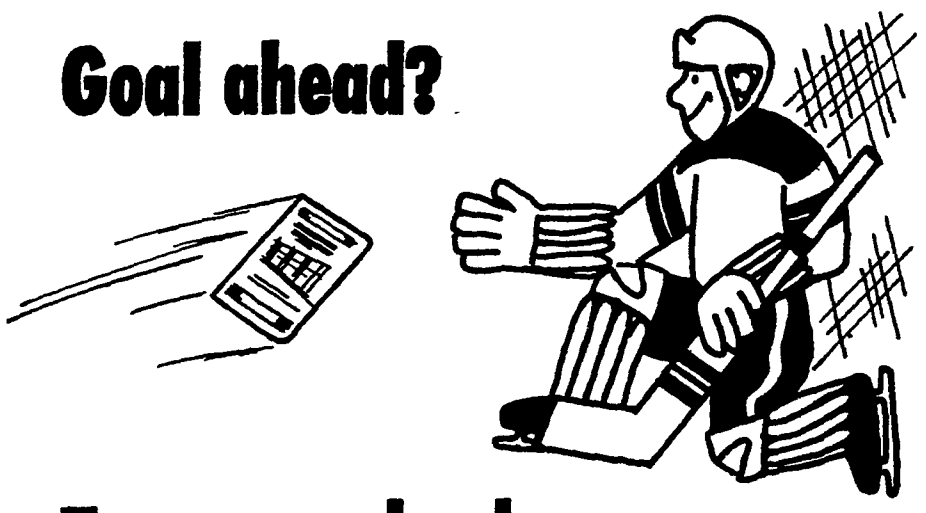
(Front leg or lamb drumstick).
8 lamb shanks
½ cup flour
1 teaspoon salt



This ewe and twin lambs are one of many sets at Longenecker's.

½ cup salad oil
½ cup brown sugar
2 teaspoons dry mustard
½ teaspoon salt
½ teaspoon pepper
1 cup ketchup
2 tablespoons vinegar
1 (1 pound) can tomatoes
Roll lamb shanks in flour and salt mixture and brown several at a time in large pan. Pour off all fat. Meanwhile combine brown sugar, dry mustard, salt and pepper. Stir in ketchup and vinegar. Pour over lamb shank in Dutch Oven. Then pour tomatoes over. Cover and bake in moderate oven (350 degrees) 1½ to 2 hours, until meat is tender, or simmer on range top. 8 Servings.

Goal ahead?



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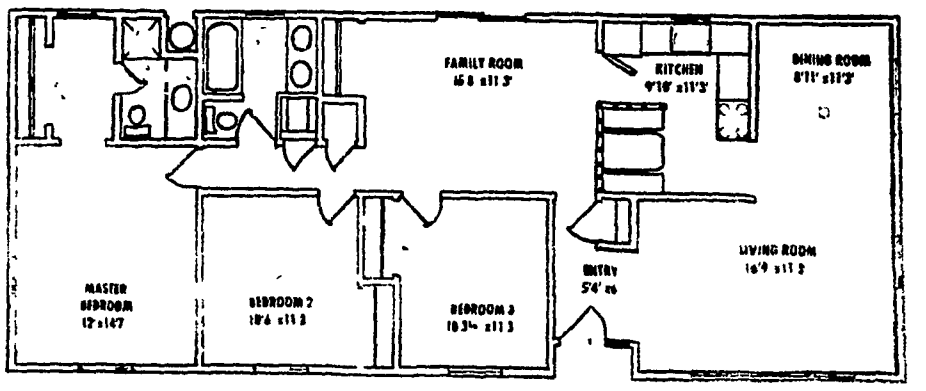

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LADIES HAVE YOU HEARD?

By Doris Thomas, Extension Home Economist

Need Heat—Roll Your Own Logs

Many families are turning to fireplaces to aid in heating their homes and reducing their heating costs. By using a fireplace, valuable fuels are conserved and a large volume of heat is quickly produced.

However, in many areas wood is hard to obtain easily so the next alternative choice might be man-made logs. These are logs rolled from newpapers. The key to making good newspaper logs is compaction, according to the U.S. Forest Service. The tighter the newspapers are rolled and packed in forming the log, the greater the intensity of heat generated and the less fly ash formed when the log burns.

The materials for making the logs are relatively simple: a discarded broomstick (old curtain rod or round piece of garden stake will also suffice); a stack of old newspapers; and water for soaking the logs.

The procedure for making the logs is to take two full double sheets of newspaper, lay them on the floor unfolded in front of you. Overlap the two sheets so the vertical edge of one meets the vertical fold of the other to form a panel of three newspaper pages wide (a single sheet on the left, two overlapped sheets in the middle, and a single sheet on the right). Fold the uncovered half of the sheet next to the floor over the other sheet to the center fold. Now you have two newspaper pages laid out flat before you, three layers on one side and a single sheet on the other.

Take another full sheet (two pages folded in the middle) and place its vertical edge to the vertical fold on the stack before you. Close the free page on the opposite side over this to again form a flat surface of two newspaper sheets, one on a stack of five thicknesses, the other a single sheet. Continue this process for 10 full, two-page sheets, fold the 10th open page closed to complete a flat surface the size of a single newspaper page, 20 sheets thick. This interleafing makes the paper more compact and easier to roll.

The next step is to make a second interleafing stack exactly as you did the first. With the bottom of the first stack touching your knees, place the second stack on top of the first with the bottom of the second stack about six inches from your knees. The sides of the two stacks should be aligned so they are parallel.

Next, make a third stack just as you did the previous two, placing it over the second so that the near edge is six inches from the new edge of the second stack. Repeat this process through five stacks which when laid out form a continuous ribbon in front of you approximately four feet long.

From the near edge of the bottom stack, curl the exposed edge over the rolling rod. Keep rolling onto the successive stacks until the entire ribbon is wrapped around the rod forming the fireplace log. Tie a fine wire or piece of tape around the log about two inches in from each end to keep it from unwinding. The rod may now be removed and the log soaked in water. The soaking should be done overnight in a vat large enough so that the logs are submerged in the water. A tablespoon of detergent added to the water will aid in soaking compaction and minimize fly ash when the log is burned.

While removing your logs from the water knead them with your fingers along the full length. This will tend to dislodge the newsprint fibers so that greater compaction may be obtained. Lay the logs out to dry which may take from one to several weeks to accomplish depending upon the heat and humidity. Once dry, the log is ready for burning. A supply should be built up so that dried logs can be burned while others are drying.

Stretch Your Food Dollar by Using Vegetables Wisely

With almost everything either in short supply or higher priced, Americans are finding ways to get more from the resources they use.

This type of thinking can easily be applied to the task of feeding one's family a well-balanced diet. Food budgets can often be stretched either by substituting one kind of food for another or by using food products more efficiently.

"In the wake of rising food prices, many consumers are taking a close look at vegetable products to supplement the vitamins, minerals, and particularly, protein from meat and meat products," says Miss Ruff, Extension home economist. And with careful menu planning, they can indeed utilize vegetable nutrients as an alternative or supplement to meat."

When we refer to protein in the human diet, Miss Ruff continues, we are talking about amino acids, which are required to build, maintain and repair healthy tissues and to meet other body needs. These amino acids are contained in protein. Many of the proteins in meat and animal products contain all the amino acids the human body requires, so menu planning with these products is relatively simple.

"However," she notes, "other proteins contain only some of the essential amino acids. Vegetables usually contain these 'incomplete' forms of protein.

"It is indeed possible to combine several vegetable products in one meal which bring together all the necessary amino acids that meat normally contains," she points out, "by applying adequate knowledge and some discretion. Combining vegetables with at least one animal product such as fish, eggs, cheese, or milk makes the task easier. Extension offices throughout the country can offer guidance in selecting vegetables."

Besides actually replacing meat products with vegetables, consumers can stretch their food dollar by using vegetables more wisely. One easy step to increase efficiency in the kitchen is simply to handle and prepare vegetables properly. This prevents loss of vitamins and nutrients which often occurs before the food reaches the table.

A family menu planner needs to know where vitamins and nutrients are concentrated within the vegetable, for example whether they are found mainly within the stems or the leaves of a given item. This will provide guidance for trimming and serving the vegetable so that nutrients are retained.

One of the simplest—but often neglected—ways to encourage a family, particularly children, to eat more vegetables is to serve them in ways attractive to both the eye and the palate. Developing a special knowledge of your family's taste and investing a little time to learn different and tempting recipes will enable the consumer to get more of the benefits from the vegetables she serves and to serve them more often.

Versatile Apples

Boil, bake, fry and broil. Name any known method of food preparation and you can do it with apples.

Apples are among the most versatile of fruits. In addition to eating them right from the tree, you can buy them as applesauce, juice or cider, dried or a dozen other ways.

The Red Delicious variety has only about 90 calories per apple. This makes it a fine snack food.

When you select apples, check for bruising. Bruises can lead to decay and excessive bruising usually means that the apples were pooly handled.

Apples should appear bright and fresh-looking. The green background color, when seen on varieties that are not a solid red, should be a yellow-green. If the background color is a faded yellow-green, the apples may be overmature and will be soft and mealy with loss of flavor and juice.

When you store apples remember to keep them cool. Whenever possible, refrigerate them.

Low To Moderate Temperatures

Cook meat and poultry products at low to moderate temperatures This will not only provide maximum tenderness and juiciness and result in less shrinkage, but also makes sure the center of the product is fully cooked without the outside being over done

Storing Canned Products

Store canned products in a cool, dry place - not in a cabinet above the range. Any unused product may be left in the can, covered and refrigerated.

Buying Nuts?

If you are buying nuts in the shell for munching, avoid nuts with oil-stained and moldy shells These are signs that the kernels may be rancid or decayed

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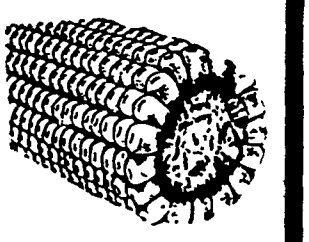

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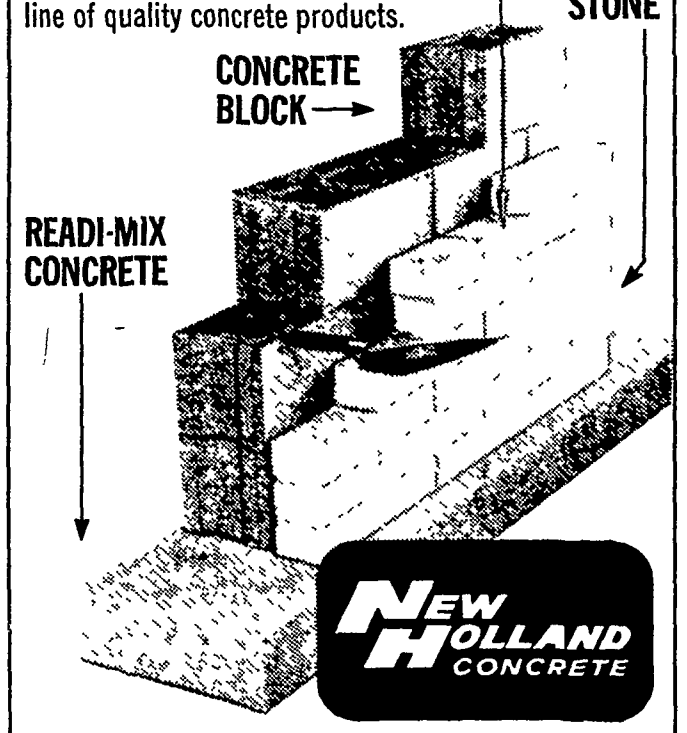

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Recipe Exchange . . .

Home on the Range

One of America's favorite foods, the hamburg, is increasing in popularity when used in its raw form as ground beef.

Ground beef, or hamburg, is perhaps the most versatile and economical of all meats. It is quick and easy to prepare, and can be made in a number of ways. You can bake, broil, fry, barbecue and brown it for a variety of recipes. It is used for soups, stews, meat loafs, meat pies, casseroles, "Poor Man's Steak", in spaghetti sauce, and alas, our well-known hamburgers and cheese burgers.

Now available in supermarkets are vegetable protein mixes. When added to your meat with water, it stretches meat (and food dollars) from one pound to one and one-half pounds.

This week we salute ground beef by bringing you five ways to eat and enjoy your hamburg.

Hearty Hamburger Soup

2 talbespoons butter
1 cup sliced carrots
1 pound hamburger
½ cup chopped pepper or celery
1 cup diced potatoes
1 cup chopped onion
1½ teaspoons salt
⅛ teaspoon pepper
4 cups milk
1 teaspoon seasoned salt
1-3 cup flour
2 cups tomato juice

Melt butter in saucepan, brown meat. Add onion and cook till transparent. Stir in remaining ingredients except flour and milk. Cover and cook over low heat until vegetables are tender. Combine flour with one cup milk. Stir into soup mixture. Boil. Add remaining milk and heat, stirring frequently. Do not boil again. This makes a large amount.

Mrs. Harvey E. Martin
Lititz RD2

xxx

Macaroni with Hamburger

¼ pound macaroni
1½ quarts boiling water
2 teaspoons salt
¼ cup minced onion
1 green pepper, chopped
1 cup canned tomatoes
½ cup grated cheese
4 tablespoons butter or fat
½ pound hamburger
2 tablespoons flour

Cook macaroni in boiling salt water until tender; drain.

Melt butter and add onion, green pepper and hamburger. When brown add flour and tomatoes and cook for five minutes. Add macaroni and grated cheese; season. Place in a greased casserole and top with buttered bread crumbs.

Bake at 375 degrees for 25 minutes. Makes six servings.

Ruth Wenger
Lititz RD2

xxx

Juicy Meat Loaf

1½ pounds ground beef
¾ cup oatmeal
2 eggs, beaten
¼ cup chopped onion
1 teaspoon salt
¼ teaspoon pepper
1 cup tomato juice

Mix ingredients together and put into a loaf pan.

Lena R. Martin
Narvon RD2

xxx

Hamburg Casserole

1 pound hamburg
1 teaspoon salt
1 onion
1 piece celery
1 can kidney beans
Potato cubes

Brown hamburger. Add salt, onion, and celery. Heat till red color is gone. Add beans. Put mixture in casserole alternating with cubed potatoes. Pour 1 can tomato soup on top. Bake 1½ hours.

Lizzie Sensenig
Ephrata RD2

xxx

Poor Man's Steak

3 pounds hamburger
1 cup cracker crumbs
1 cup water
2 teaspoons salt
Pepper to taste

Mix together and press one half inch thick on cookie sheet. When firm cut into squares, roll in flour and brown in pan. Place on a baking dish. Pour a can of onion and mushroom soup over and bake one hour at 350 degrees.

Mrs. Amos zimmerman
New Holland RD1

xxx

Tomato Cakes

2 eggs
2 cups cracker crumbs
3 tablespoons flour
1 teaspoon soda
1½ cups tomatoes, stewed or juice
Pinch salt and a little milk to thin like pancakes.

Fry like pancakes in butter or shortening.

Mrs. Levi S. Nolt
Leola RD1

xxx

Twenty-four Hour Salad

½ pound marshmallows (diced)
1 no. 2 can pineapple tid-bits
1 cup cut grapes
2 oranges, sectioned
Dressing:
3 egg yolks
3 teaspoons pineapple juice
1 tablespoon vinegar
2 tablespoons sugar
½ pint whipping cream

Cook egg yolks, pineapple juice, vinegar and sugar until thick. Cool. Add whipped cream. Mix well with fruit. Allow to stand at least 24 hours in the refrigerator. For variations substitute canned sweet cherries for the grapes. Mandarin oranges and canned pears can also be used.

Mrs. Willis Nolt
Peach Bottom RD1

xxx

Lemon Sponge Pie

¼ cup melted butter
3 tablespoons flour
1 cup sugar
3 slightly beaten yolks
Juice and grated ring, 1 lemon
2 cups milk
3 beaten egg whites

Blend butter with flour and sugar. Add egg yolks, lemon juice, rind and milk. Fold in egg whites and pour into pastry lined pie pan. Place in a hot oven (450 degrees); immediately reduce to slow oven (325 degrees) for 45 minutes. This makes a 10-inch pie.

Pie Dough

1 cup flour
½ teaspoon salt
1-3 cup shortening
2 to 3 tablespoons water

Elizabeth Faus
Palmyra

xxx

Moist Chocolate Cake

3 cups flour
2 cups sugar
½ cup cocoa
2 teaspoons soda
1 teaspoon salt
2 teaspoons vinegar
2 teaspoons vanilla
1 cup salad oil
2 cups water

Ida's Notebook

Ida Risser

The beginning of February and a few more weeks of winter. A few more weeks of getting up to meet school buses in the cold and dark mornings.

Recently I was surprised to read that "Mamie Eisenhower adhered to the belief that a woman over 50 should never get out of bed until noon." Now that is stretching leisure a bit too much, but a few extra winks would be nice.

xxx

Over the years I've been writing this article, I have been pleased many times to hear comments on it. As I cover a variety of subjects, some are of interest to one person and some to others.

There have been phone calls telling me that their families enjoy beautiful sunsets and always comment on them. Others have written to say that their family also enjoys hiking on wooded trails. Some have written to tell me of their farm life and missionary children.

A young Amish girl has shared her philosophy of life and working day experiences with me. Another young lady told me her father read "Ida's Corner" to his family every Saturday. She expressed concern for her brother Paul, who had open-heart surgery.

It is pleasant to know that others have similar backgrounds and are interested in the same things.

xxx

Many people love horses. But some farmers have unpleasant memories of days in the fields with work horses and mules when they were children.

They always seem so BIG to me, especially when they stepped on my bare feet.

Little boys got hot and dry during a long afternoon and even shed a few tears from sheer loneliness. Some animals were unmanageable for children and at noontime they simply headed for the barn and food.

Farm Women Societies

Society 26

Farm Women Society 26 held their monthly meeting at the home of Mrs. Amos Landis, Lititz RD3. Cohostess was Mrs. John Cassel.

Mrs. James Peters, R.N. at St. Joseph's Hospital, gave a report on the hospital's new Mobile Intensive Care Ambulance. Fifty dollars was donated to the Ambulance Fund.

Reports on the State Convention were fiven by Mrs. Lloyd Esbenshade and Mrs. Clyde Buchen.

The next meeting will be held February 28 at the home of Mrs. Alvin Herr, Manheim RD2. The program will be a fondue party.

Society 27

Farm Women Society 27 met recently at the Norlanco Family Health Center. Dr. S. M. Godshall lectured on the "Common Colds." Twenty two members and two guests were given a tour of the Health Center by Dr. Godshall.

Vice president, Mrs. Luke Brubaker gave recognition for perfect attendance for year 1973, to president Mrs. Albert Fry Jr., Mrs. Lester Good and Mrs. Robert Kauffman.

Mrs. Larry Miller and Mrs. Robert Fellenbaum, reported to the Society, high lights of the State Convention held at Harrisburg recently.

In February, members and husbands will be going to a Hockey Game at Hershey Sports Arena.

Society 28

Farm Women Society 28 met Thursday evening, Jan. 24, at the home of Mrs. Richard Hess. Mrs. Kenneth Kreider was co-hostess. Roll call was answered by telling an interesting snow storm experience.

State convention reports were given by Mrs. Jacob Bare and Mrs. Elvin Hess, Jr. A donation of $10 was given to United Cerebral Palsy.

Miss Britt Ekedahl, a foreign exchange student from Sweden, spoke and showed slides. Miss Ekedahl attends Lampeter-Strasburg High School and lives with Mr. and Mrs. Warren Mylin, Willow Street.

The next meeting will be held February 28, at the home of Mrs. Roy Book.

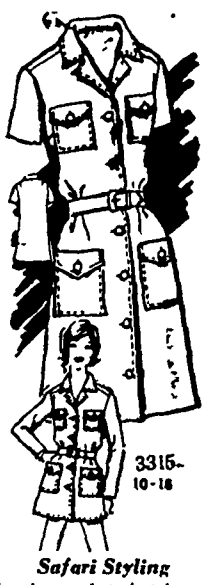
Society 29

On Jan. 21, 1974, 22 members of Farm Women Society 29 and three guests met at the Elizabethtown Brethern Church.

Under new business, reports were given from the State Convention and six members voluntered to help during the Cancer Drive Apr. 15 to 20 in the East Donegal Twp. The remainder of the evening was spent enjoying a six course gourmet dinner demonstrated and prepared for us by Dr. Edward Hitz. Assisting him were the hostess and the co-hostess for the evening - Marty Bixler and Mary Herr.

SEW WHAT?

THIS WEEK 8 PATTERNS BY AUDREY LANE



3315-10-18

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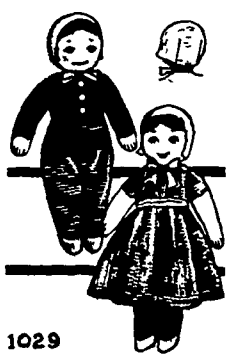
Make this pocketed style in regulation length to cover the knee, or make it in tunic length to wear over the new short pants. No 3315 comes in sizes 10 to 18. In size 12 (bust 34) dress takes 3 yards of 44 inch fabric, tunic with long sleeve, 2⅞ yards of 44 inch



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Tasty -Topic

Liver and Onion Fromage

1 pound beef liver, sliced ½ inch thick
3 tablespoons flour
½ teaspoon salt
⅛ teaspoon garlic salt
⅛ teaspoon pepper
2 tablespoons cooking fat
¼ cup grated cheese
2 tablespoons thinly sliced green onions

Mix together flour, salt, garlic salt and pepper, lightly dredge liver in seasoned flour and brown on both sides in cooking fat. Sprinkle grated cheese and onion over liver, turning off heat and cover. When cheese is slightly melted, remove liver to hot platter and serve immediately. 4 servings.

Farm Women Calendar

Thursday, February 7

1:30 p.m. - Farm Women Society 20 meeting, Farm Show reports, with Vera Herr and Jean Ressel as hostesses.

Saturday, February 9

2:00 p.m. - Farm Women Society 8 meeting at St. Marks United Methodist Church, Mt. Joy.

Farm Women Society 2 meeting at the home of Lillian Eberly, 106 East High St., Manheim.

Farm Women Society 19 meeting at the Coca Cola Building. Mrs. Clayton Geib, hostess.

Farm Women Society 25 meeting, at the Grace Evangelical Church, Kready Ave., Millersville. Bea Newswanger, hostess.

Frozen Vegetables

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State ASC Officials Discuss RECP Plans

Development of the 1974 Rural Environmental Conservation Program (RECP) in Pennsylvania will get underway immediately, according to John M. Phillips, Chairman of the Pennsylvania Agricultural Stabilization and Conservation Committee (ASC). Pennsylvania ASCS officials have just returned from Washington, D. C. where they met with Washington officials to learn details of this new conservation cost-sharing program.

Attending the Washington meeting from Pennsylvania were ASC State committeemen: John M. Phillips, North East; Noah W. Wenger, Stevens, and Calude R. Hetherington, Zion Grove. Representing the State ASCS office in Harrisburg were: Kenneth H. Boyer, State Executive Director, and Richard A. Pennay, Program Specialist. Officials of other Federal and State agencies also attended the 2-day session.

At the meeting they were told it is essential each State develop an RECP that "will strengthen conservation and environmental protection measures on American farms, and encourage the development, management, and protection of non-industrial private forest lands." Discussion leader for the conference was Ray Hunter, director of the ASCS Environmental Quality and Land Use Division.

In outlining the goals of RECP, Hunter told the State officials, "The goals are to improve the quality of life, for all people, by improving the environment, providing the maximum public benefit with the funds available, and by conserving the land and related natural resources. This is to assure a continuing ability to produce food and fiber necessary for the maintenance of a strong, healthy people and economy, while providing for wildlife, and other environmental enhancement."

According to Kenneth H. Boyer, State ASCS Executive Director, "RECP incorporates features from the old Rural Environmental Assistance Program (REAP), in addition to the new, expanded scope of the 1974 RECP. This year's program includes cost-sharing through annual or long-term agreements, and an extra emphasis on treeplanting for timber production, called forestry incentives. Details of these programs will be made available to landowners by county personnel in the very near future", he said.

The program is administered by the Agricultural Stabilization and Conservation Service through its farmer-elected committee system. The Soil Conservation Service (SCS), Forest Service and the State Forestry Agency will provide technical assistance, planning, and policy recommendations. The Extension Service will provide educational support.

Edward H. Hanson, Director of USDA's Office of Field Operations, discussed the Department's new "one-stop service" concept now being developed for farmers and other rural residents. This new concept is aimed at combining, under one roof, the services of four USDA agencies — ASCS, Farmers Home Administration (FHA), the Soil Conservation Service (SCS), and the Federal Crop Insurance Corporation (FCIC). Administrative committees in each State are currently developing plans for this one-stop service.

The Washington meeting was one of four similar meetings held across the country in order to bring program details to those who will administer them at the State level.

"Dates after which requests for cost-sharing assistance can be accepted will be announced soon after the completion of development meetings by the State and County ASC Committees.

Noah W. Wenger, Stevens, second from left, was among the Pennsylvania ACS committeemen in Washington recently to go over details of the new Rural Environmental Conservation Program. Also in the photo are, left to right, John M. Phillips, North East, Wenger, Kenneth H. Boyer, Harrisburg, Eddie Hews, Washington, and Claude R. Heatherington, Zion Grove.

Major Land Uses Inventoried

About 80 percent of the more than 2 billion acres of land in the United States is used for crops, pasture, and forestry, according to a report released by the U. S. Department of Agriculture's (USDA) Economic Research Service.

The report, based on data from the 1969 Census, USDA agencies, and other sources, shows that one-fifth of the total area is devoted to crops, more than one-fourth is permanent grassland pasture, and one-third is forest land. The rest is distributed among urban and transportation uses (less than 3 percent); recreational, wildlife, and other extensive special uses (5 percent); and unclassified areas including Alaskan tundra (13 percent).

In recent decades, there has been little change in the distribution of land among major agricultural and forestry uses. Acreages of both cropland and permanent grassland declined slightly, prior to 1973's cropland increase. However, total production, thanks to rising yields, increased significantly. Forest land area has held almost stable nationally, as losses to agricultural, urban, and other uses in some regions have been largely offset by reversion of open land to forest in other regions.

Special uses of land, particularly urban and recreational uses, continue to expand at the expense of agricultural and forestry uses. However, the special uses represent a small and slowly increasing share. Use for urban expansion, highways, roads, airports, and reservoirs, for example, requires an additional 1.2 million acres of land a year.

Three-fifths of the land, and nearly all the more valuable acreage, is privately owned.

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Penn Experts See Good '74

Prepared by the
Agricultural Economics
Staff
Pennsylvania State
University

Most forecasters agree that real economic growth will probably be slower in 1974 than in 1973. A mild business slowdown is expected. The extent of the slowdown and the level of economic activity are subject to a wide dispersion of views.

Real growth

Real growth outlook for 1974 will likely advance about 2½ to 3 percent with inflation continuing in the 5 to 6 percent range. Real growth during 1973 is expected to be 6 percent at this writing. Gross National Product (GNP) in current dollars will likely rise 7 to 8 percent in 1974. Unemployment will creep above 5 percent and corporate profits will probably decline substantially. Housing will continue to slide downward while business investment may show some declines.

Consumer expenditures

A major uncertainty in assessing the current state of the economy, and the outlook, is how inflation and high interest rates are affecting the consumer's propensity to spend. Surveys this year suggest a deterioration of consumer optimism, but there is no recent evidence of any marked weakening of spending.

If some element of stability and confidence is achieved in prices and interest rates by the first quarter of 1974—even with lower growth rates and inflation increasing prices about 5 percent—consumer expenditures may rebound by the last half of 1974, fueled by income gains. Although some quarters of very slow growth are likely, the year will end on the upswing as accumulated inventories diminish and investment picks up. The key is to provide an environment in which the consumer and the businessman can make commiments without excessive hedges.

Bright spots

Continued improvement in the trade balance, a nearly balanced federal budget, and increased stability in the dollar abroad are bright spots. A strong and growing foreign demand for U.S output is an element in the current economic situation which contrasts rather sharply with conditions in recent years. This country's ability to compete in terms of price has improved substantially as the result of exchange rate changes over the past two years and a slower rate of inflation here than abroad. A slowing of growth in major foreign economies could dampen the expansion of U.S. exports, but continued solid gains seem probable.

Capital spending

The latest Bureau of Economic Analysis' survey of intentions for plant and equipment spending indicated businessmen expect to make substantial outlays in the second half of '73. Outlays for 1973 are expected to total $100 billion, 13.2 percent above last year. This would be the most rapid advance since 1966.

Food retailing

The varying rates of sales growth and profitability experienced by major segments of the food distribution industry in recent years will continue in 1974. Overall prospects are very favorable for the food service (food away-from-home) industry and for small grocery stores of the convenience type. But the problems causing depressed earnings in supermarketing will not be resolved within the coming year. Having achieved its maximum potential in the volume of food handled, the supermarket industry is now obliged to make fundamental changes that will extend over a considerable period of time.

Real growth in total domestic food sales is limited to the small yearly percentage gains in total population and to whatever trading up consumers do in choosing higher quality foods.

It appears that all of the real growth occurring in 1973 went to the food service industry and that grocery store sales, accounting for about 90 percent of all food consumed at home, will show no real growth in 1973. If so, this is a matter of considerable economic and historic significance. For the first ten months of 1973 food-at-home prices averaged 13.6 percent higher than the same period of the previous year while total grocery store dollar sales increased by only 10.5 percent. It's too early to conclude that this difference represents an actual decline in the volume of food and related products sold by grocery stores. Much of the gap may be explained by consumers trading down—buying less expensive food—and by a slower advance in the prices of non-foods included in grocery store sales.

Chain supermarketing in the 1972-73 fiscal year experienced the lowest rate of after-tax net profit since the 1930's. The average for 51 chains was 0.49 percent. Overstoring is considered to be the underlying cause. In recent years according to one estimate, supermarketing sales space has been increasing by 10 percent each year while real sales volume has been growing by only 1½ to 3 percent. Meanwhile, higher wages and other operating costs have been continuously pushing up the break-even sales level for all supermarkets. In over-stored areas, with little or no real growth in sales, firms are fighting to take business away from one another.

At present operating costs, most chains have found only their higher volume supermarkets to be profitable—generally those with weekly sales over $50,000. Consequently, several of the larger chains will continue to close many unpprofitable low-volume stores. Most new chain stores are about twice the size of units built ten years ago. In these "superstores" most of the additional display space is devoted to non-foods. This signifies increasing dependence on non-foods to provide satisfactory sales growth and return on investment in the supermarket industry.

In the convenience store industry, higher store construction costs and a scarcity of good sites are expected to slow down the rapid growth rate of the last few years. However, their average profitability, projected at 3.44 percent of sales before taxes in 1973, is expected to continue close to this level.

It was apparent from the demand during 1973 for gardening and canning supplies and from the increased patronage by consumers of farm markets, hucksters, and perishable food jobbers, that a larger than usual share of food consumed at home was acquired from sources other than conventional grocery or specialty food stores. Interest in these possibilities for reducing food expenditures will likely continue.

Record grain crops

The 1973 corn crop is forecast at a record 5.8 billion bushels, up about 4 percent from last year. The combined winter and spring wheat crop will exceed last year's record by about 12 percent. The increase in soybean production is the biggest of all. At 1.6 billion bushels, the soybean harvest will be about 24 percent greater than last year's record crop and 128 percent larger than the crop harvested 10 years ago. Total feed-grain production will be a record 211 million tons, up 6 percent from 1972.

The crops look so good that there is now concern that export markets may not be large enough to sustain grain prices at current high levels. While there has been general optimism that price levels would remain high, recent international events do not seem to support this optimism. Russia and China may not buy as much U.S grain as anticipated. China has been a recent heavy buyer of Canadian and Australian wheat and Russia is harvesting a record grain crop. In recent weeks export markets for grain have not been up to expectations.

A price supporting factor for grains has been a general reluctance of farmers to sell their grain as harvest progresses. Farmers feel they can gain higher prices by selling after the first of the year.

Grain carryover next year is expected to be no larger than this year. In order to build production in the years ahead there will be no acreage reserve and no set-aside for 1974 crops. Farmers have responded by planting about 8 percent more wheat this fall and are expected to plant about 6 percent more acreage to corn next year. If these acreages materialize, the tight supply situation which existed during the past two years should be averted.

Livestock industry unsettled

Many livestock producers have not made firm production commitments for 1974. Contributing to the uncertainty have been the recent memories of consumer boycotts, price ceilings and freezes, and the lack of profits in the livestock business despite record high prices for livestock.

More beef in '74

The number of cattle on feed in the leading cattle-feeding states on October 1 was up only 3 percent from a year ago, about in line with the small increases in most months since the second quarter of 1973. These small increases should not be interpreted as a prelude to continued beef shortages in 1974 or 1975.

The cattle inventory has increased sharply in recent years. The 1973 calf crop was about 50 million head, up 4 percent from 1972. The beef calf crop increased 6 percent. Because farmers did not place large numbers of cattle on feed after the ceiling prices for meat were announced on March 29, there was a total carryover of young animals which on July 1 exceeded that of July 1972 by about 10 percent. These animals are available to go into feedlots through the spring of 1974. Feeder cattle prices have dropped sharply since August but further price weakness is not expected.

Fed cattle prices in the December-March period should be strong because placements on feed were off about 15 percent in the July-September period. Marketings of fed cattle will be at least 5 percent lower in the first quarter than a year earlier. Beginning in April, and continuing for the rest of 1974, fed cattle marketings are likely to be sharply higher than during the same period of 1973.

No hog expansion

The price outlook for hogs is excellent at least through next summer. On September 1, hog farmers in the leading states said they planned no expansion in numbers at least through February 1974. Hog marketings, therefore, should not change from year-earlier levels through mid-1974.

High hog prices have not encouraged producers to expand hog numbers. Hog prices in the $44 range are $15 per hundred higher than a year ago but feed prices are even higher by comparison. While the hog-corn ratio was a very favorable 21 a year ago, it is currently down to 18. It is likely that many farmers who normally feed most of their corn to hogs have this year decided to sell a portion of their corn at current attractive prices.

Sheep numbers still falling

Sheep and lamb slaughter fell about 6 percent in the January-September period. Ewe slaughter has been higher than normal through most of the year, which will contribute to even lower sheep numbers on January 1, 1974. Through most of 1973 the price of lambs has not been strong as would be expected when slaughter volume drops. Perhaps an increasingly important factor in the lamb market is that lamb numbers have declined for many years and are now at such a low level that buyer competition has also been declining.

Meat consumption

Meat production declines in 1973 have resulted in less per capita consumption. Red meat consumption dropped sharply to about 176 pounds in 1973. Beef consumption in 1973 will be about 111 pounds per person compared to 116 last year. Pork will total 62½ pounds per person, down about 5 pounds. Per capita veal consumption will be only 1.8 pounds and lamb and mutton consumption will total 2.8 pounds, a record low.

Dairy outlook

Heavy culling, reduced feeding rates, and herd liquidations resulted in Pennsylvania milk output being down about 5 percent during the first 9 months of 1973 compared with the same period a year earlier. Nationally, production was off about 3 percent from last year during the 9-month period.

Average production per cow in Pennsylvania during the first 9 months was down 3 percent; cow numbers were down 2 percent. During the period milk prices to dairymen averaged nearly 12 percent higher than the same period a year ago. Production costs, as indicated by Crop Reporting Services Index, increased about 20 percent during the year.

Milk and dairy product sales have been better than last year by about 2½ percent. Most of the increase has come in low fat and skim milk and cheese. During November there appeared what might be early warnings of consumer resistance to current prices in the dairy field.

The best indicator of the feed and milk price relationship is the milk feed price ratio (pounds of feed equal in value to 1 pound of milk). This dropped to 1.45 in August, compared to 1.74 a year earlier.

With a favorable 1974 crop season, there should be some loosening of feed prices by the second half and they could return to more reasonable levels. Gains in milk production are anticipated in the event this circumstance occurs. A poor 1974 crop season will be a basis for continuation of the 1973 feed squeeze.

In the longer term, the dairy situation turns on the feed grain supplies in late 1974. Both foreign and domestic crop production will play an important role in this picture.

In August the Agricultural and Consumer Protection Act of 1973 was enacted. This new act increased the maximum price support level from 75 to 80 percent of parity until March 31, 1975. This resulted in a $5.61 support level for manufactured milk (3.79 B.F. test) The new support program had no effect on milk prices, since market prices are considerably above the new levels. This program is not expected to affect milk prices in 1974.

Poultry outlook

More eggs, turkeys, and broilers are in prospect for 1974. Prices for eggs and poultry meat will average lower through most of 1974. Quantity of eggs and poultry meat produced will be influenced by feed costs. Increasing feed costs will tend to put a brake on expansion but, if feed costs happen to decline, output may expand.

Prices of large white eggs on the New York City wholesale market in 1974 are likely to average several cents below a year earlier but not as low as the first half of 1972. If monthly gains in the quantity of chicks hatched for laying flock replacements continue at the September rate—19 percent increase— and the pullets are housed as layers, prices could drop below cost of production before mid-1974. It looks as though there will be considerably more pullets grown for laying flock replacements in the next 6 months than a year earlier. One of the uncertainties next year will be a demand for eggs—what will consumers be willing to pay for the quantity of eggs produced next year?

This year with a 6 percent reduction in egg production, prices increased substantially over a year earlier. It takes only a relatively small increase in supply to bring on a sizeable reduction in egg prices.

Factors such as weather conditions, feed costs, consumer purchases, and eggs used for hatching of both laying and meat-type chicks should help strenthen prices. The situation in 1974 will continue to depend on whether the industry continues to adjust production to market needs.

Broiler production will probably increase slightly in 1974. In the first quarter of next year, production will be about 2 percent above a year earlier. The situation in the broiler industry can change more rapidly than in either the turkey or egg business because of the relatively short time it takes to get broilers ready for market from the time they are hatched. Feed prices will be influential in speeding up or slowing down expansion. The potential is available for expansion.

Turkey production in 1973 will set a record. The situation in 1974 will be influenced by prices and movement of turkeys during the Thanksgiving and Christmas marketing period. Current indications are that the 1974 turkey crop will be a little larger than in 1973.

Fruit and vegetable outlook

For the second year in a row, weather conditions have played a dominant role in determining the supply of fruits and vegetables. Weather factors in the U.S. and other parts of the world reduced the supply and increased the prices of other food products. As a result, fruit and vegetable demand has been strong and prices for most of them have been high by historical standards.

For 1974 the supply of fruits and vegetables is an imponderable. Farmers have not yet made their decisions regarding intended acreages of annually planted crops.

In 1973 the acreage of seven major vegetables for processing was nearly ten percent greater than in 1972

(Continued On Page 31)

Experts

(Continued From Page 30)

but, because of weather conditions resulting in late planting or poor growth, the harvested tonnage was up only 6 percent. Production of the principal fresh vegetables as a group was about equal to 1972.

Potatoes were also affected by weather. Fall potato acreage was up about 5 percent from 1972 but yields are expected to average 9 cwt-acre less, therefore total production will be only 2 percent greater.

Relatively short supplies coupled with strong consumer demand have left stocks of processed fruits and vegetables quite low. Processors are bidding strongly for existing supplies of raw product but it is not believed they will be able to replenish stocks of most items in their warehouses out of this year's crops. If demand remains strong during the winter and spring, and indications are that it will, processor demand will be strong again next year. Supply will again be the predominant determinant of next year's prices and weather will play a key role in its determination. A great expansion of acreage would appear risky since producers may not be able to count on weather conditions to control next year's production.

Production decisions affecting next year's supply of tree fruits, berries, and grapes have long since been made. Strong consumer demand and moderate supplies of fruits have led to relatively high prices for the past two years. It is becoming increasingly evident that our production capacity for apples, sweet and sour cherries, and perhaps even grapes is such that if all areas of the country produce crops equal to those of their better yield years, seriously depressed farm-level prices will probably result. However, there is room for a large fruit crop because processors would like to rebuild stocks.

Agriculture 1974

For agriculture, 1974 looks like another good year in view of the strong domestic and foreign economies. However, a cautionary note needs to be sounded concerning all-out production in future years. The foreign economies, which are currently enjoying rapid growth, are fighting an inflationary battle of their own. Although foreign economies have historically turned down somewhat later than the U.S. economy, the current inflationary trends may bring the slowdown sooner.

Pa. Broiler Placements Up 12 pct.

Placements of broiler chicks in the Commonwealth during the week ending January 26, 1974 were 1,300,000. The placements were 12 percent above the same week a year earlier, and 19 percent above the previous week. Average placements during the past 10 weeks were 5 percent above a year earlier.

Settings for broiler chicks were 1,766,000 - 4 percent below the previous week and 2 percent below the comparable period a year earlier. The current 3-week total of eggs set is 3 percent below the same period a year ago.

Inshipments of broiler-type chicks during the past 10 weeks were zero compared with 8,000 a year ago. Outshipments averaged 281,000 during the past 10 weeks, 36 percent above a year earlier.

Placements in the 21 States were 59,820,000 - about the same as the previous week but 4 percent above the same week a year earlier. Average placements during the past 10 weeks were 3 percent above a year ago.

Settings were 71,030,000 - 2 percent below the previous week and about the same as a year earlier. The current 3-week total of eggs set is 3 percent above the comparable period a year ago.

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*Based on R L Polk & Co official industry statistics

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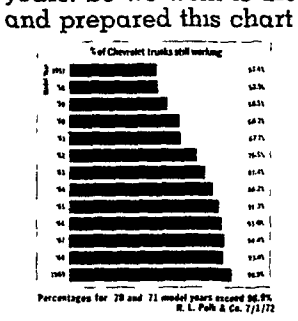

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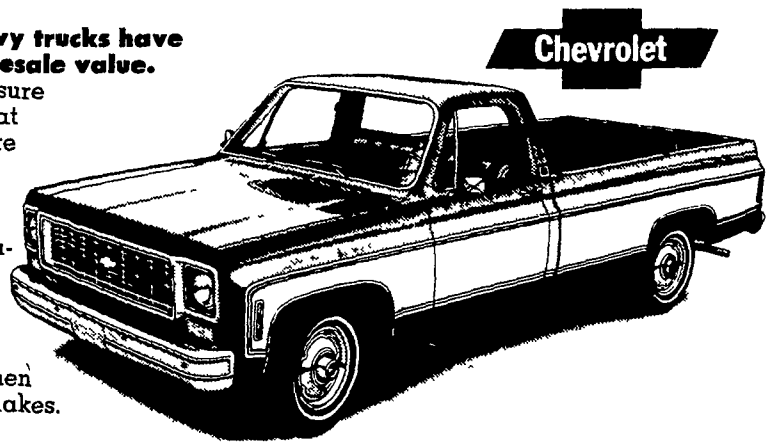
Another point: Chevy trucks have traditionally high resale value. Another way to measure truck value is by what it's worth when you're ready to trade. And, according to Automotive Market Reports, an authoritative industry source, Chevy truck resale value for ½- and ¾-ton models is traditionally high when compared to other makes.



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Cattlemen Optimistic

(Continued From Page 1)

There are six percent fewer cattle on feed in the U.S. and one percent fewer in Pennsylvania than last year, Moore observed. He said, though, that this figure distorts the picture a little bit. "There are tremendous numbers of cattle on range in the Midwest. Some of these animals have been out there for four or five years. They can be brought into the feedlots at any time for finishing, but they won't stay there very long."

To back up his point, Moore cited USDA figures which show lightweight cattle numbers on feed way down and heavyweight numbers up. The number of cattle under 500 pounds on feed is down 22 percent. Heavyweights, 1100 pounds and over, are up a whopping 55 perent from the year before.

Recapping 1973 for the assembled farmers, Moore said that it was the best year ever for agriculture. Farm income was up 30 percent from 1972, which was also a good year. There was a strong general economy, with consumer incomes up some 8 percent. Grain exports were up 30 percent in volume but 60 percent in value. Farm equipment was sold out. In general, while costs were up, increased returns more than made up for the added cost burden.

Grain supplies for this year should be adequate, Moore feels. While he doesn't see prices going up too much, he doesn't see them coming down, either. "If everything falls in place," he said, "we might see some lower grain prices in 1975."

Live cattle prices will be great compared to recent years, Moore concluded, but profits will hinge mainly on feed costs.

Another Penn State specialist, James H. Eakin, extension agronomist, cautioned cattle feeders switching acreage from corn to soybeans.

"If your cattle numbers are in balance with your current feed program, stick with your present crops of corn and alfalfa," said Eakin. "If you have to cut part of this acreage to grow soybeans, you're making a mistake.

"If, on the other hand, you can rent some good land to grow soybeans for feed supplements, you should pay attention as to how to grow soybeans. This can make the difference between 25 and 70 bushels an acre." he said.

He said on a typical Lancaster County farm, no fertilizer is needed for soybeans. He warned that on acid soils soybeans should not even be attempted.

Roger Grout, agricultural engineer, told feeders to start thinking about waste disposal as more pollution laws are enacted.

He said the most economical way to get rid of manure effectively is to spread it on fields at such time and in such way as to minimize any run-off.

He said the simpler the process of handling animal wastes the better. Costly processes in many cases, he noted, just create more problems.

Dr. Lester Burdette livestock extension specialist, stressed the need for feed additives and proper amounts of protein for cattle.

The younger, the lighter and the faster the rate of gain is expected the higher the percentage of protein is needed.

Another feature of the day's program was a discussion of silo gas by three area farmers who fell victim to the deadly farm hazard. Henry Hackman, Jay Nissley and Harold Shenk told the assembled cattlemen how they'd become seriously ill from silo gas.

Penn State's Roger Grout, noted that the gas will affect different people different ways.

He said the problem is not an uncommon one but one that is often not realized until it has caused serious injury or death.

The gas, he noted, can drift from the bottom of a silo and float across the ground or floor into a livestock area killing any animals which receive heavy doses.

He noted liquid manure tanks have also caused a few deaths as the fermenting manure emits hydrogen sulfide.

The best way of preventing illness from the gas, he noted, is to run the blowers in the silo for several minutes before entering.

He said the gas should be allowed to flow downward out the chute before entering. He also suggested to climb up the outside of the silo instead of inside it.

"But the most important combatant to the problem," he said, "is an awareness of the possible existence of the deadly gas."

He said the danger period is usually within the first month after the silo has been filled. Dry weather, he added, also increases the nitrate contents.

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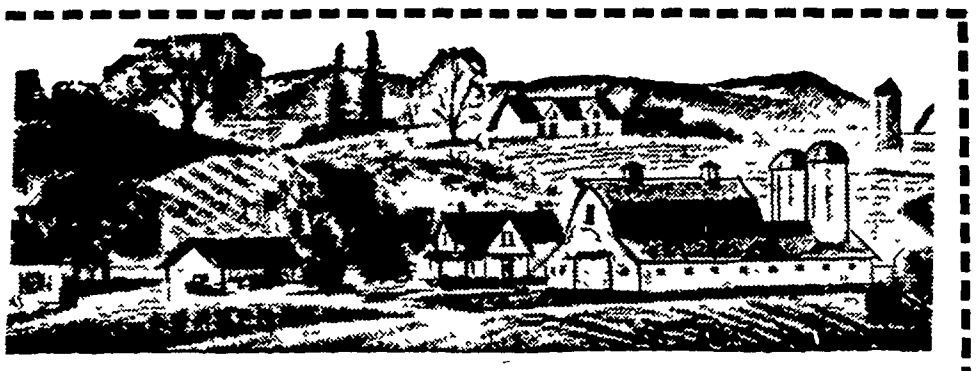

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From Local Ag Teachers:

Thoughts in Passing

Plan Now For Home Gardening

The article this week was prepared by Carl Graybill, Ephrata High School agricultural teacher.

With the cost of living on the rise, why not cut some corners on the family food budget and have your own garden this spring. You can stretch the food dollar, enjoy the freshest vegetables, and experience a rewarding hobby all at the same time.

Gardening is not difficult, in fact, with a little land, some fairly easy work, and the proper knowledge and materials, anyone can have a green thumb. The following information will be of general nature, designed to help the novice gardener.

Carl Graybill

The Garden Site

There are a few items to consider when selecting a site for your garden. Good soil is important and the plot should be located near the house to facilitate irrigation. Avoid the vicinity of trees and large shrubs, and choose a place which has enough slope for surface water drainage.

When To Plant

The time to plant depends on the crop to be planted. In Lancaster County, crops such as asparagus, califlower, carrots, cabbage, peas, lettuce, beets, radishes, spinach, winter onions, salsify, parsnip, and horseradish can be planted in the spring as soon as the soil can be prepared.

Frost sensitive crops such as snap beans, sweet corn, cucumbers, tomatoes, and squash are best planted after May 15 to eliminate the danger of frost. Warm season crops such as lima beans, egg plant, musk melon, and peppers should not be planted until the soil has become warm.

What To Plant

Plant crops according to family tastes. Root crops, fruit crops, and leafy crops should be included in a balanced garden. Avoid melons, cucumbers and pumpkins in a small garden since they take up considerable space.

How To Plant

Use your land space to its greatest potential when planting a garden. Don't plant the crops too close, and allow space between rows for cultivation. Planting beans after early peas on the same plot can get more use out of the land. Companion cropping such as planting onion sets for green onions between rows of cabbage plants will save garden space. The green onions will be harvested before the cabbages need the room. Several small plantings of certain crops such as corn can be made to minimize waste, and to offer garden fresh vegetables over a longer period of time.

Plan Your Garden

Plan your garden well in advance of planting time to insure maximum production from the land available. Draw up a garden plan on paper and decide what kinds and varieties of crops to plant, where they will be located, amount of each to be grown, spacing of rows, and planting dates for each crop.

Seeds and Plants

Order seeds well in advance of planting time, and select varieties adapted to your locality. Seeds left over from the previous season should be germination tested before using to avoid wasting your time planting poor quality seed. A germination test can be easily accomplished by placing at least ten seeds of each variety to be tested between moist paper towels and storing in a warm place. Note: Keep the paper towels moist after the seeds have sprouted to determine the germination percentages. High germination percentages indicate the seeds are still of good quality. Quality vegetable plants can be purchased from greenhouses and garden supply stores in your area.

Tools and Equipment

Good quality garden tools greatly lessen the time spent working in the garden. Standard garden tools would include a hoe, steel rake, spade, bucket or watering can, hand duster or sprayer, trowel and a dibble for setting out plants and a weeder for weeding and thinning. Large gardens make the purchase of a rotary tiller a worthwhile idea.

The Garden Soil

The ideal garden soil is fertile, deep, well-drained, and high in organic matter. Thorough soil preparation before planting is needed for growing garden crops. The deeper the soil is stirred, the greater is its capacity for holding air and moisture. Compost or manure should be worked into the soil to add organic matter. A soil test should be taken to determine if lime is needed, and how much fertilizer should be applied. Ten to 35 pounds of 5-10-5 or 5-10-10 fertilizer per 1,000 square feet meets most crop needs. The fertilizer can be broadcast and worked into the soil, or placed in a band two to three inches deep and two to three inches to the side of the row of seeds.

Planting the Seeds and Plants

Plant in a freshly prepared seedbed of loose, fine soil. Plant the seeds at the proper depth and properly spaced in the row to avoid overcrowding. Firm the soil around the seeds with light tamping to hasten germination. Plants should be placed in a hole large enough to avoid cramping the roots. Put some water or starter solution in the hole around each plant before the soil is replaced. Press the soil firmly around the roots to avoid air spaces which would bause the roots to dry out.

Cultivation

Start cultivating the garden as soon as the plants are up. Take care not to cultivate too deeply and thus injure the roots. Keep the soil loose to allow water to soak in, and keep the weeds under control at all times.

Watering and Mulching

During a normal season, watering is not usually necessary. However, if a long dry period occurs and watering is needed, be sure to water thoroughly. One thorough watering that wets the soil to a depth of four to six inches per week is usually sufficient. Don't water lightly and frequently since this reduces root development.

Mulching conserves and holds water and reduces erosion and weed growth. Straw, leaves, sawdust, plastic and numerous other materials serve as a good mulch.

Toddler Topics

A series of educational packets called "Toddler Topics" will be published by the Lancaster County Extension Service beginning in February.

The topics give information to the Young Homemaker about children and food, language and reading development, health, developing creativity in children, one parent families, and helping children when there is a family crisis. A special feature of each packet will be a page full of creative activities that involve mother and child.

"Toddler Topic" packets will be sent free to any interested people. To be placed on the mailing list, contact the Lancaster County Extension Service, Room 1, 1383 Arcadia Road, Lancaster, PA 17601.

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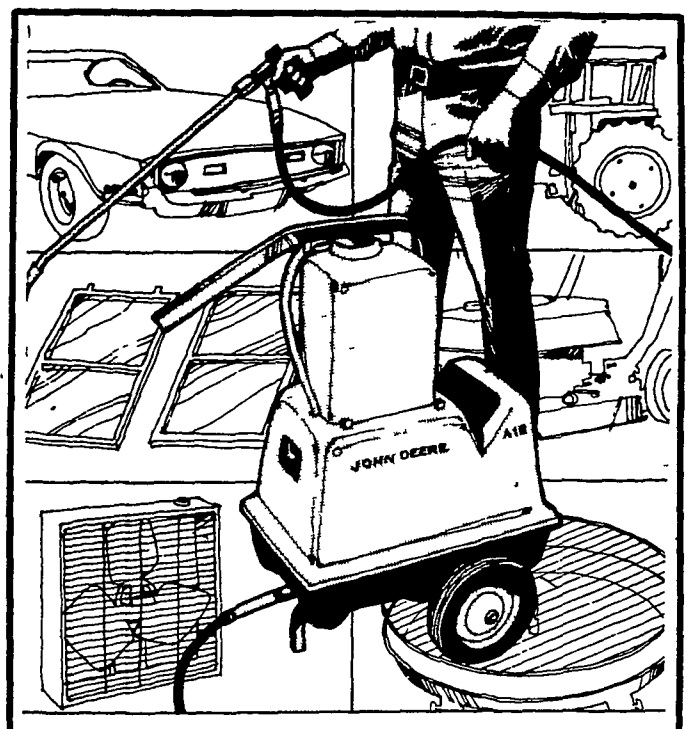

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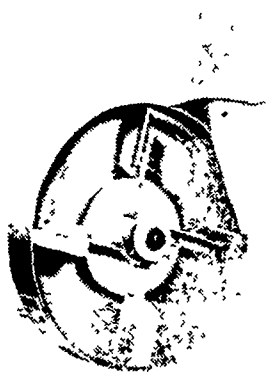

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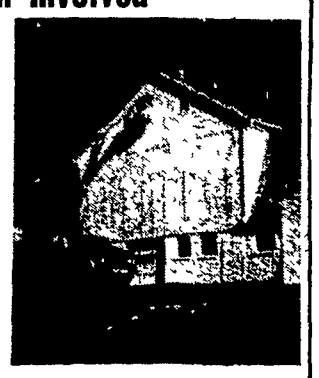

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Paul J. Boyer, president and general manager of Lancaster Ford Tractor, Inc., turned over a ceremonial spadeful of dirt this week at the site of the firm's new showroom, sales office and service facility at 1655 Rohrerstown Road. The 6000-square-foot facility is scheduled to be finished in May. The firm is presently selling farm and industrial equipment and lawn and garden tractors at 2166 Willow Street Pike. With Boyer are, left to right, Jay Ober, sales representative for the firm, S. Dale High, a partner in High Realty which is building the facility and John McNamara, Ford's eastern district zone manager for tractor and implement operations.

Racing Proceeds Designated To State and County Fairs

Pennsylvania Agriculture Secretary Jim McHale disclosed that nearly $1.8 million went to state and county fairs and statewide agricultural organizations from harness racing proceeds in 1973.

McHale made the announcement at an address to the Pennsylvania State Association of County Fairs 62nd annual convention at the Host Inn here.

McHale said the fairs and organizations received $1,786,192 compared with $1,678,826 the previous year.

This increased revenue, McHale said, will enable the department for the first time "to distribute $100,000 to the fairs this year for capital expenditures."

The breakdown of the total disbursement of $1,786,192 is:

— $1,466,403 to 105 fairs; $99,770 to 52 Future Farmers of America groups; $167,437 to 67 4-H funds; and $52,581 to nine statewide organizations that hold agricultural competitions.

The money is used primarily to reimburse fairs and organizations for the premiums they have paid in competitions.

McHale noted that "this was the second year that state and county fair associations in Pennsylvania received their shares of harness racing revenues earlier and easier.

"In 1972," he said, "we started using a new and simplified form which permitted associations to receive 90 percent of their allotment about five months earlier than usual. Associations estimated their returns on the new form and they were paid accordingly. That left us with a ten percent balance to pay the associations following our annual audit."

McHale told his audience that "more than 6 million people attend our fairs annually. Many of these people come from urban areas and know little about farming — about how vital the farmer is to the quality of life of every citizen. That bridge of understanding can be built at our fairs."

McHale said "the value of your fairs is that they bring farm and city people together and underscore the common bond between the two groups. They can begin to understand each others problems and concerns and perhaps join together in pushing for government policies that can benefit both groups.

"Farmers have been disappearing rapidly from the American scene — 3 million in the last 30 years — and they know full well they need a coalition with consumer groups if they are to receive favorable legislation from Washington."

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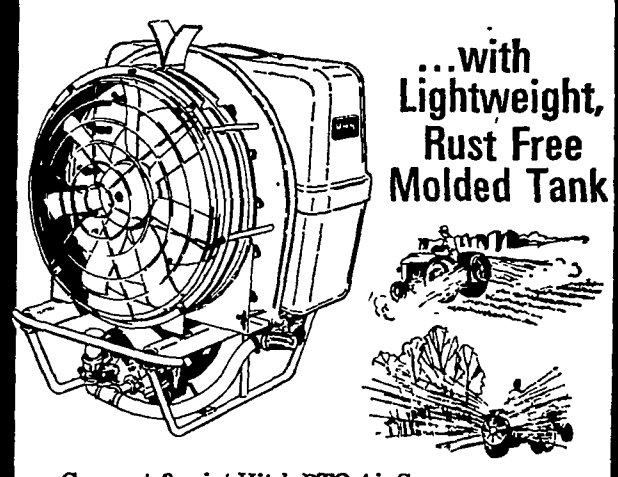

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District 3 Milk Producers Present Awards at Meeting

The annual noon dinner meeting of District 3 Interstate Milk Producers' Cooperative was held January 24 at the Memorial United Methodist Church, Quarryville with 260 people in attendance.

Members had the opportunity to meet their new president Lester C. Jones, Burlington Co., N.J. Jones has served on the Board of Directors for eleven years and was elected president in June 1973. He is also president of Pennmarva Federation. He, like the other board members of this farmer owned co-op, has a fine dairy herd. Coming from the Garden State, Jones has a herd of 300 Holsteins and farms 600 acres to support his herd.

Jones reminded the members they were paid $10.33 for Class I milk in December 1973 and will be receiving $10.48 for January and $10.78 for February. Class II price went down with imports as it is tied to a milkpowder formula. Most co-ops operate milk powder plants to handle milk over long holiday weekends and surpluses. They have hopes Class II price is going to go up. Right now 35 percent of the milk is going as Class II. Interstate members are paying 5 percent a cwt. for advertising which amount to $2,200,000. annually. Up to October they had an increase in Class I milk sales, then the price of milk went up and sales dropped.

Some of Interstate's problems now are getting fuel for tankers to go over their routes and enough fuel to dry powder. They are going to have to remodel the hauling system. Citing the present overlapping of routes, Jones said "You may have a new driver. There will be a little change but I believe you will get use to it."

Speaking about Pennmarva Federation and the advantages of a single co-op he said "efficiency would be so much greater in fieldmen, hauling and bargaining. By consolidation we can up utilization. The co-ops have to work together. We're going to have to exercise our bargaining power to get a price for our milk."

Jason Weaver, president of District 3 was master of ceremonies and Thomas Galbreath, who has served nine years as secretary-treasurer, handled reservations. Invocation was given by vice president, P. Robert Wenger. Robert Wagner, District three's young cooperator, reported and Donald Trimble, delegate to Inter-State's annual meeting, reported.

Dr. William Fredd introduced the following FFA boys who have had outstanding projects: Tom McCullen, Joe Overly, Jim Kreider, Jeff Rutt and Gordon Herr.

Jason Weaver presented awards for 4-H Dairy projects to Donna and Gary Akers, Debbie Crider, Douglas Hershberger, Barbara Aaron and Mary Kirk.

Glenn Hough, who provided dinner music on the organ and piano, presented a patriotic medley on the program.

Fieldman Don Breiner gave brief remarks, mentioning particularly the new Interstate farm signs available to members. He introduced the other fieldmen Richard Weaver, James Barnett and Dr. Herbert Wohnsiedler.

Allen Bair, representing the Lancaster Co. Extension Service, spoke briefly challenging the members to analyze their farm records at the end of the year. He introduced milk testers Joe Lindecamp and Robert Brinton.

Robert B. McSparran, representing District 3 on Interstate board of directors for 9 years, presented 25 year plaques, certificates and pins to Richard B. Lefever and Samuel Glick in behalf of his father Aaron Glick. Others so honored but not present were Robert Housekeeper and Robert Smith.

McSparran remarked "We've heard complaints about imports both in quantity and quality such as dirt, bacteria, mislabeling, additives, etc. Imports do affect our price. Milk co-ops have been the best bargaining agency we have. If there are several co-ops, we must have a central train of thought. The young cooperator has been a very important part of our co-op, a very good channel of information."

Southern Lancaster Local and Quarryville Local comprise District 3. Officers of Southern Lancaster Local are Robert L. Kauffman Jr., president; Kenneth M. Rutt, vice president; and David S. Huber, secretary-treasurer.

Officers of Quarryville Local are Robert E. Wagner, president; James A. Hess, vice president; and Robert H. Kreider secretary-treasurer.

Delegates from Southern Lancaster Local attending the annual meeting were J. Neal Johnson, Robert L. Kauffman, James G. Kreider, Donald B. Trimble and Thomas S. Bradley.

Delegates from Quarryville Local were: P. Robert Wenger, James A. Hess, Robert E. Wagner, Richard P. Maule, Willis B. Krantz, Clair E. Kreider, A. Dale Herr and Jason L. Weaver.

Concluding the program 30 two quart Interstate pitchers, three inflated cow balloons and a pail of dairy supplies were awarded as door prizes.

Jason Weaver, left, president of Interstate District 3 and Lester C. Jones, president of Interstate Milk Producers Cooperative, were present for the annual noon dinner meeting of District 3 Interstate Milk Producer's Co-op.

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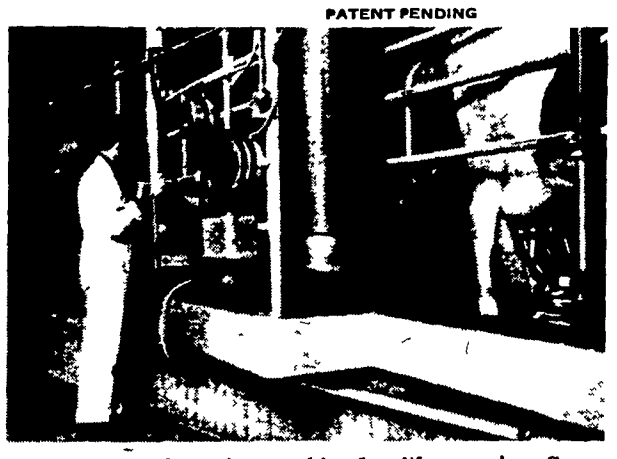

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In addition, QTO Breaker Cups utilize electronics to sense when milk stops flowing from each individual quarter. After a 3 second delay, the teat cup is removed automatically by means of retracting cylinders located in the QTO Breaker Cup base. Teat cups are pulled downward to automatically shut off the vacuum to the teat at the inflation nipple. This action eases the removal of the teat cup and reduces stress on the udder.

The fact that individual teat cups are removed automatically as each quarter milks out — makes the Surge QTO Milker unique. Only with individual teat cup removal . . . and with a milker designed for stable milking vacuum — can you be sure of good cow milking!

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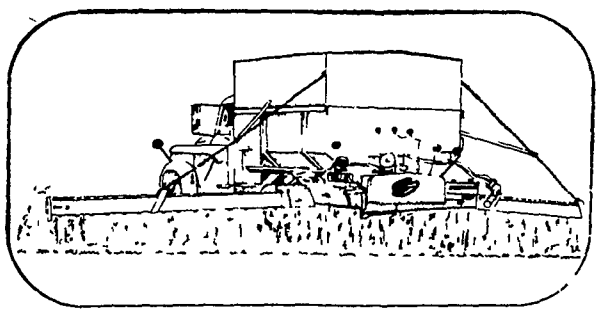

Don't hesitate to apply lime, even if the ground is frozen. The freezing and thawing action of Winter helps disseminate the lime, assuring you a properly balanced soil, ready for Spring plowing. And remember, liming pays in extra bushels and tons of crops and forage.

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Conrad Recommends Stockmen's School

Thomas D. Conrad of Beechdale Simmental Farms, Bird-In-Hand, has just returned from attending the annual Stockmen's School, sponsored by Agriservices Foundation, a nonprofit foundation serving agriculture. The Stockmen's School was held in San Antonio, Texas.

This year, the enrollees came from 37 states, and from Mexico, Canada, Australia, and South Africa.

Dr. Conrad had the following comment to make relative to the School: "I recommend this advanced course in Animal Science and Cattle Management for both the dairy and beef man and to anyone sincerely interested in improving their management techniques and their cattle."

Dr. Conrad announced that next year's School will be held January 6-9, 1975 in San Antonio.

For next year's program, as well as for copies of this year's Handbooks (three of which were printed; one for each beef cattle, dairy cattle, and horses), farmers and ranchers should write to the following address: Dr. M. E. Ensminger, President, Agriservices Foundation, 3699 East Sierra Avenue, Clovis, California 93612.

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Farm Credit Conference Scheduled Feb. 25-27

E. A. Jaenke, Governor of the Farm Credit Administration, announced that a Conference on the Financial Needs of Young Farmers will be held to seek methods to head off what he termed "a potentially dangerous situation" in which skyrocketing capital requirements to enter and successfully remain in farming "will squeeze out all but a chosen few."

The Farm Credit System conference, set for February 25-27, in Indianapolis, Indiana, will bring together a cross section of young farmers from throughout the nation to exchange information on ways to tailor credit programs to meet their special needs. Participants will include about 100 invited young farmers, officials of lending units of the Farm Credit System, representatives of general farm organizations and officials of FCA.

Jaenke said that a typical full-time owner-operated farm is capitalized at about $250,000. "As this figures rises," he said "the Nation has a stake in assuring that today's efficient agricultural plant is continually rejuvenated with young owner-operators, lest in the future we become a country of land barons and absentee owners employing an uninvolved work force."

The FCA Governor noted that accumulating the capital needed to develop an economic farm unit has been an historic problem for young farmers. But, he said, "it grows progressively worse as inflation brings up costs and as technology requires the purchase of more farming inputs."

The Farm Credit System is the nation's largest agricultural lender and is entirely owned by farmers and farmer cooperatives that use its credit service. Jaenke said the conference is part of the System's continuing effort to devise methods to assist young farmers who have the managerial and operating ability to succeed, but who lack equity and borrowing power.

Jaenke said the System's record in serving young farmers has been heightened since passage of the Farm Credit Act of 1971 which gave the System more loan-making flexibility to meet an individual's needs. This has been particularly helpful to young farmers and has been a factor in lowering by two years the average age of all Land Bank borrowers.

Jaenke said the young farmers' suggestions on how lenders can better serve their credit needs will be transmitted to the Banks and Associations of the System, other agricultural lenders, farm organizations, Congress, and others.

FEEDER PIG SALE

600 HEAD

SATURDAY, FEB. 9, 1974

On the premises located one mile North of Goodville, East Earl Twp., Lancaster Co., Pa. John J. Zeiset Farm at 1:00 p.m.

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SALE NO. 1 - For Calvin Lazarus: Lehigh Co., Pa.
7 — Reg. Yorkshire Boars and 5 Duroc Boars.
5 — Duroc York Cross Open Gilts and Bred Gilts.

AT THE SAME TIME AND PLACE

300 HEAD OF YORK, HAMPSHIRE AND DUROC FEEDER PIGS

John J. Zeiset
Ph: (215) 445-6298

SALE NO. 2

300 Head of York, Hampshire and Duroc Feeder Pigs

Terms by
Paul M. Zeiset

Elton Horning, Auctioneer
(215) 286-5183

PUBLIC SALE

REAL ESTATE, FARM EQUIPMENT & DAIRY COWS

SATURDAY, FEB. 9, 1974

11 o'clock A.M.

Located off Route 222 at Wakefield take Peach Bottom Road to West Brook Road, 1 mile West of Wakefield, Fulton Twp., Lanc. Co., Pa.

Real Estate consists of a farm containing 82 acres more or less erected thereon 2½ story frame dwelling covered with asbestos siding containing 7 rooms & bath; oil hot air heat, well, electric and other conveniences; also erected thereon bank barn containing 36 stanchions, milk house, 2 silos (1 tile & 1 wood), 2 implement sheds & corn barns combined, chicken house, 2 car garage and other small buildings. Good stream of water. Real Estate may be inspected Sat., Jan. 26th and Sat. Feb. 2nd or by appointment. Phone 717-548-2323. REAL ESTATE WILL BE OFFERED FOR SALE AT 12 O'CLOCK NOON.

37 HEAD DAIRY COWS
12 HOLSTEIN COWS
15 GUERNSEY COWS

Some fresh springers and others in all stages of lactation. 30 day health chart with each animal.

10 HEIFERS - BRED TO FRESHEN IN LATE SUMMER

Farm Equipment consists of McD H tractor, McD Farmall No. 460 tractor, McD No. 46 baler with bale thrower, N.H. manure spreader, International off set disc harrow, Oliver grain drill, McD 2 row corn drill, Cunningham hay fluffer, McD 3 bottom plow (2 point hook up), 28 ft. bale carrier, 2 rubber tired wagons, 2 bottom trailer plow, 2 cultivators, wheel rake, snow blade, wood saw, air compressor, 2 Hinman milking units, stainless steel wash tubs and strainers, miscellaneous tools, 190 Tri-cross silver sexlink pullets (in production), and many other articles used on a farm.

40 BU. FEEDING WHEAT
40 TON CORN
12 TON MIXED HAY
4 TON STRAW
12' x 30' silo full of ensilage and some ensilage in another silo.

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Lunch by Robert Fulton Fire Co Aux.
Paul F. McKinsey Att'y
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Jugger's Dairy Conference Scheduled At Penn State

A conference for dairy farmers who are processing and selling their own milk will be held Feb. 5-7, reports County Agent N. Alan Bair.

The conference will be held in Room 3, Borland Laboratory on the University Park Campus of The Pennsylvania State University in State College, Pa. It will start at 1 p.m. on Tues. Feb. 5 and conclude at noon Thurs. Feb. 7.

Topics covered include processing fluid dairy products, quality control, flavor cleaning and sanitizing and state regulations. One full day will be devoted to ice cream and refrigeration. Dr. Philip G. Keeney will discuss composition, freezing and evaluating ice cream. Dr. Richard A. Keppeler will review refrigeration principles and the needs for ice cream making.

Dr. George H. Watrous and Sidney E. Barnard will cover the processing and quality topics of the conference. It is conducted by the Department of Dairy Science.

Preregistration is necessary prior to Jan. 28 or the conference will be cancelled. A minimum of 15 persons are necessary, but facilities will hold up to 45 persons.

There will be ample time to ask your questions and get practical answers. You may also swap experiences with your fellow farmer-retailers.

For more information contact: 410 J. O. Keller Building, University Park, Pa. 16802. Telephone - 814-865-9547.

Pork Producers Plan Meeting

The Pennsylvania Pork Producers Council is planning their annual meeting and awards banquet to be held Feb. 2 at the Farm and Home Center.

Included in the program are a series of workshops for men and women which begin at 2:45. Also, there will be a Board of Directors meeting at 4:30, to be followed by the Awards banquet at 5:30.

Participants in the Disease workshop will include Dr. Roger Gerrits, USDA; Dr. Sam Sheidy, Smith Kline Corp.; Dr. Cecil Miller, Smith Kline Corp.; Dr. Len Harrison, Pa. Dept. of Agriculture; and Dr. Leroy Schmuck, local veterinarian, Quarryville.

Participating in the Housing workshop are Charles Masser, Klingerstown; Russel Kegg, Bedford; Robert Hoy, Gettysburg; and Russel Boone, Chambersburg.

Glenn Wissler, Ephrata; Melvin Huber, Lititz; Mark Stehr, Beavertown and Marshall Howes, Chester Co. Soil Conservation will participate in Waste Management workshop.

There will also be a Craft workshop for the women with Mrs. Christian Seaman as chairman.

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HARROW, CULTIPACKERS, CORN PLANTERS, MOWERS, GRAIN DRILLS, WAGONS, SNOW PLOWS & ALL KINDS OF EQUIPMENT, HARDWARE & TRUCKS

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We will sell anything you bring to our sale for a commission.

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PUBLIC SALE

OF OUTSTANDING 132-ACRE FARM

WEDNESDAY, FEB. 27, 1974

AT 2:00 P.M.

Located along Harvest Road (Turn East off Route 230 at Elizabethtown onto Elizabethtown to Manheim Road — turn north at Drumheller's Garage to first road turning east onto Harvest Road), Mt. Joy Township, Lancaster County, Pa., the following to wit:

132-ACRE (more or less) FARM
106 ACRES TILLABLE — PASTURE WITH EXTRA NICE STREAM

DOUBLE 2½ STORY STONE DWELLING

With Slate Roof. Side No. 1 contains 3 Bedrooms and Full Bath on second floor; Large Living Room, Kitchen and Dining Room on first floor. Side No. 2 contains 2 Bedrooms and Full Bath on Second floor; Large Living Room and Dining Room on first floor. Each side has its own oil fired hot water heating system with cast iron radiators.

LARGE BANK BARN, 48'x68'
Equipped for Steers and Cows. Attached Large Steer Stable with Automatic Feeder. Also attached Milk House. Barn equipped for 12 Cows. Slate Roof.
LARGE TOBACCO SHED, 32'x85'
Slate Roof; Tobacco Cellar; Stripping Room
Corn Barn, 20'x40'
4-CAR CEMENT BLOCK GARAGE
WITH WORK SHOP
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WELL AND PRESSURE SYSTEM

This farm is ideally located in Lancaster County Farming Area. Most Buildings in excellent repair. For inspection call Fulton National Bank and ask for Mr. John Stauffer at 717-393-5651.
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Sale Register

SAT. FEB. 2 - 11 A.M. Public Sale of 28 Holstein cows, full line of Equipment and some household items located between Gordonville and Paradise just off Rte. 30. Sale by Earl and Lenora Jones; Carl Diller and J. Everett Kreider Auctioneers.

SAT. FEB. 2 - 10:30 A.M. (Snow date Feb. 4) Public Auction of Tractors, Light Industrial and Farm Machinery located along Ridge Road, Reinholds, Lancaster County, Pa. Terms by Jacob H. Gockley.

SAT. FEB. 2 and MON. FEB. 4 - 10 A.M. Each Day Public Auction Two Day Sale of Valuable Farm; Registered and High Grade Holstein Dairy Herd; Milk Equipment; Farm Machinery; Hay; Wheat and Barley straw; Corn ensilage; Tools. Located on the premises 10 miles south of Hanover via route 216; 4 miles west of Glen Rock; Turn off of route 83 on exit two Glen Rock Exit on to route 216 through Glen Rock to Route number 516 turn right on Rockville Road, farm is located on corner of Rockville and Ressler Road in Codorus Twp. York Co., Pa. (watch for arrow signs) Sale by Mr. & Mrs. John Ressler-owners, RD1 Glen Rock, Pa.; David W. Shrodes, Auctioneers.

WED. FEB. 6 - 9:30 Consignment Sale by David H. Good located ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa. F. Snyder, R. Martin and C. H. Wolgemuth, Auctioneers.

WED. FEB. 6 - 11:30 A.M. Public Sale of Holstein Dairy Cows, Heifers, Horses, and Horse-drawn Farm Machinery on the premises located between Gap and Parkesburg, along the Strasburg Road, 1½ miles north of Christiana, Lancaster County, Pa. Terms by Benjamin L. Glick; Leroy Zook, Auctioneer.

THURS. FEB. 7 - 10 A.M. Public Sale of Farm Equipment, Household Goods, Tools and Antiques located on the premises midway between Route 23 and 340 off of Route 772 at Ressler's Mill, along Stumptown Road and 1½ miles north of Bird-in-Hand, Lancaster County, Pa. Terms by Daniel Miller, Box 190, RD1, Bird-in-Hand, Pa.; Frank L. Steller and Robert E, Martin, Auctioneers.

FRI. NIGHT FEB. 8 - 7:30 P.M. Nite cow sale entire herd of 70 head for Christ Zook to be held at the Black & White Holstein Farm, 2220 Dairy Road, Lancaster, Pa. across from the Comet Drive-in Theatre or ¼ mile West of breeding unit. Abe Diffenbach, Auctioneer: Charles C. Myers and Park Myers, Sales Managers.

SAT. FEB. 9 - Farm Machinery Auction Sale by York Co. Farm & Ind. Equip. Co., Inc. Located Exit 10 or 11 off Interstate 83 Emigsville, Pa. or 4 miles North of York, Pa. on Route 181.

SAT. FEB. 9 - Afternoon Public Sale of 600 head cross-bred feeder pigs for John J. Zeiset and Paul M. Zeiset, Farms north of Goodville, East Earl Twp. off of Route 23. Elton Horning, auctioneer.

SAT. FEB. 9 - 2 P.M. Public Sale of Valuable 52 acre farm at RD3, Manheim, Lancaster Co., Pa. Sale by Mark E. and Linda Brandt; C. H. Wolgemuth, Auctioneer.

SAT. FEB. 9 - 11 A.M. Public Sale of Real Estate, Farm Equipment and Dairy Cows located off Route 222 at Wakefield take Peach Bottom Road to West Brook Road, 1 mile West of Wakefield, Fulton Twp., Lancaster Co., Pa. Sale by L. Ambrose Giffing and Sara L. Sweigart, Executors of the Estate of Mary P. Giffing, Dec'd. Kersey A. Bradley, Auctioneer.

SAT. FEB. 9 - 10 A.M. Public Sale of Arm Machinery, Tools and Household Items located approx. 1½ miles east of Exit 2 (Glen Rock exit) off Rt. 83 and about ½ mile north of the Village of Potosi in Springfield Twp., York Co., Pa. Watch for signs directing to sale. Sale by Emory S. and Elsie R. Miller, Jr. RD2, Glen Rock, Pa.; Robert L. Sechrist, Auctioneer.

WED. FEB. 13 - 11 A.M. Public Sale of Holstein Dairy Herd, Farm Machinery, Hay and Straw located about ¼ mile West of Clay, on Brubaker Valley Road off Rte. 322. Sale by David B. Martin; Randal Kline, Auctioneer.

THURS. FEB. 14 - 10:30 A.M. Public Sale of Dairy and Farm Machinery. Location - Take Rte. 897 North approx. 2 miles North of Reinholds, turn right onto Peartown Road for 1 mile. Sale by Edwin Martin; Randal Kline, Auctioneer.

THURS. FEB. 14 - 12 Noon Public Sale of Farm Machinery and 10 Holsteins located between Mechanics Grove and Chestnut Level, 1½ miles west of Mechanics Grove to Stony Hill Road or 3 miles south of "The Buck" on Route 272 to Cardinal Drive to east 2 mile. Sale on Farm no. 2. Terms by Herman and Verna I. Shirk; Kreider and Diller, Auctioneers.

FRI. FEB. 15 - 9:30 A.M. E.S.T. Public Sale of Livestock and Farm Equipment located one mile south of Route 372, along Hallow Road midway between Greentree and Quarryville, Lancaster County, Pa. Sale by Christ S. Miller, Owner; Abe Diffenbach and Abe Diffenbach, Jr., Auctioneers.

FRI. FEB. 15 - 9:30 A.M. Public Sale of Horses, mules, dairy cows and heifers, full line of horse-drawn farm equipment located midway between Greentree and Quarryville, 1 mile south of Route 372 along Hallow Road on farmer King farm. Sale by Christ S. Miller; Abe Diffenbach, Auctioneer.

SAT. FEB. 16 - 1:30 P.M. Public Auction of 225-250 Feeder Pigs located between Womelsdorf and Myerstown along Route 422, at Stouchsburg Take Scharff Road South 1 mile, third farm on left, ½ mile North of Sheridan Furances; Marion Twp., Berks County, Pa. Terms by Walter M. Horst, Newmanstown RD1, Pa.; John E. and Paul E. Martin, Auctioneers.

SAT. FEB. 16 - 11:30 A.M. Public Sale of Good Farm Machinery located along U. S. Route 1, 2 mile southwest of Rising Sun. Maryland. 8 mile south of Oxford, Pa. 6 mile east of Conowingo Dam. Terms by George T. MacDonald, J. Everett Kreider and Carl Diller, Auctioneers.

SAT. FEB. 16 - 11 A.M. Public Sale of Modern, Like New Farm Machinery located off Rte. 272 along Smithville Road midway Smithville and Refton, southwest of Refton off Rte. 222. Sale by Laverne L. Mylin; Lloyd H. Kreider, Auctioneer.

SAT. FEB. 16 - 11 A.M. Public Sale of Good Farm Machinery, 1967 Chevy Truck, few Household Items. located 9 miles South of Lancaster off 272 at Smithville. Along Smithville Rd. midway between Smithville and Refton. Or Southwest of Refton off 222. Sale by Laverne L. Mylin; Lloyd H. Kreider, Auctioneer.

SAT. FEB. 16 - Public Auction, Consignment Sale of farm equipment, located on the Don Scheese farm, New Jersey, thirty minutes east of Delaware Memorial Bridge off of Rt. 40. At junction of Rt. 40 and 77 turn right onto Friesburg Rd., between diner and Municipal building; Approx. 8 miles south of Friesburge Road Wm. Bragdon, Auctioneer.

SAT. FEB. 16 - Public Sale of Farm Implements, Dairy Equipment and Livestock located ¼ mile south of Terre Hill behind Terri Hill Silo Co. off Rte. 897 in East Earl Twp., Lancaster County, Pa. Sale by Ben Zimmerman; Leroy S. and Paul W. Horst, Auctioneers.

WED. FEB. 20 - Paul Z. Martin's Farm Equipment Sale located 2 miles East of Intercourse, Pa. along Route 340.

WED. FEB. 20 - Public Sale of Registered and Hi-Grade Holstein Dairy Cows and Farm Equipment located between Myerstown and Rehrersburg, Pa. Terms by Abner W. Oberholtzer, John E. and Paul E. Martin, Auctioneers.

WED. FEB. 20 - 9:30 Consignment Sale by David H. Good Located ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa. F. Snyder, R. Martin and C. H. Wolgemuth, Auctioneers.

THURS. FEB. 21 - 10:30 A.M. Public Sale of Farm Equipment, Horses and Mules located along Gordonville Road by Jacob S. Esh; Carl Diller and J. Everett Kreider, Auctioneers.

THURS. FEB. 21 - Public Sale of Farm Tools, machinery and equipment located one mile north of Goodville, Pa. East Earl Twp., Lancaster Co., Pa. Sale by Ammon H. Weaver; Elton Horning, Auctioneer.

FRI. FEB. 22 - 11 A.M. Public Sale of Farm Machinery and Household Goods located 8 miles south of Quarryville on Route 222. First hard road left, below Robert Fulton Birthplace, Lancaster County, Pa. Terms by James S. and Carol H. Huber; Kreider and Diller, Auctioneers.

SAT. FEB. 23 - Public Sale of Full Line of Farm Equipment located approx. ½ mile East of Elverson, Pa. between Rte. 23 and 401 along Brick Lane Road. Sale by Christian L. Stoltzfus; Elton Horning, Auctioneer.

SAT. FEB. 23 - Public Sale of Farm Equipment located between Ephrata and Lititz. Terms by Ivan N. Good, John E. and Paul E. Martin, Auctioneers.

SAT. FEB. 23 - 10:00 A.M. Public Sale of Farm Equipment and some Household Items located 1¼ miles Southeast of Columbia at Franklin Road and Blue Lane, Manor Twp. Sale by Irvin D. Witmer; Carl Diller and J. Everett Kreider, Auctioneers.

MON. FEB. 25 - Public Sale of 2 Farms, 1 containing 103 acres and 1 containing 48 acres and Farm Implements located 1½ miles West of Manheim along Old Line Road, Rapho Twp., Lancaster County, Pa. Sale by Roy K. Steffy; Rufus Geib and Raymond Miller, Auctioneers.

TUES. FEB. 26 - 10 A.M. Public Sale of Farm Equip. and Household Goods located just West of Lancaster Airport, West off Rt. 501 on Millport Road. Sale by Mervin W. and Kathryn Delter, Lititz RD3; C. H. Wolgemuth, Auctioneer.

TUES. FEB. 26 - 10:30 A.M. Public Sale of Farm Equipment, Cattle Equipment, Hay, Straw, Seeds on the premises of Twin Slope Farmers Market, ½ mile west of Morgantown at junction of Routes 23 and 10, Lancaster County, Pa. Terms by Chester and Rachel Stoltzfus; Elton Horning, Auctioneer.

TUES. FEB. 26 - 10:30 A.M. Public Sale of Farm Machinery, Dairy Cattle and Teams located 1½ miles north of Quarryville along Stone Road. Take north Church St. from Western Auto Store, ½ mile east of Camargo. Terms by Christ S. Stoltzfus; J. Everett Kreider and Carl Diller, Auctioneers.

WED. FEB. 27 - 1 P.M. Public Sale of Brood Sows and Feed pigs located 1 mile North of Hinkletown along Glenwood Drive in Ephrata Twp., Lancaster Co., Pa. Turn north off Rte. 322 at traffic light in Hinkletown. Sale by Earl H. Martin; Leroy S. Horst and Paul W. Horst, Auctioneers.

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PUBLIC SALE

Friday, Feb. 15, 1974

9:30 A.M. E.S.T.

Located one mile south of Route 372, along Hollow Road, midway between Greentree and Quarryville, Lancaster County, Pennsylvania.

LIVESTOCK

One pair of dapple gray mares, 6 years old, bred, built right and blocky.
Two pair of gray mules, 3 and 4, 5 and 6 years old.
One pair of sorrel mules, 8 years old.
Two odd gray mules 9 and 10 years old.
One pony, 4 years old.
52 Head of HOLSTEIN DAIRY CATTLE - several Registered, including four Kingpin daughters.
34 Holstein dairy cows, young with dairy type, in all stages of lactation.
17 Heifers, some bred for fall freshening.
1 Stock Bull.

FARM EQUIPMENT

Deutz 65-h.p. diesel tractor on steel, Frick 22" thresher with carrier and gear box, Papec ensilage cutter with shredder bars, New Idea No. 323 corn picker with motor and shredder, like new; New Holland baler with engine, McD corn binder with loader and carrier, McD 8' grain binder, Comb. mower and crusher with engine, McD No. 9 7' mower, hay tedder, McD side rake, bale elevator with hydraulic.

Myers sprayer with jet spray and boom, tobacco planter, McD corn planter with fertilizer attachment, Ontario grain drill, fertilizer drill, New Idea manure spreader, grain bin.

Two 2-horse wagons with beds, Oliver 2-way plow, 2 2-bottom radex plows, Wiard walking plow, potato plow.

John Deere 4-section spring harrow, 2-section spring harrow, combination harrow and cultipacker, cultipacker, roller, marker, 28 disc harrow, four McD riding cultivators, single shovel harrow, four 2-wheel carts, two spring wagons, buggy, box sleigh, spring seat.

Corn elevator, liquid mineral feeder, wood saw, 12" table saw, 18" jig saw, 1000-lb. platform scales, scalding trough, roll door tracks, iron wheels, three stoves, meat slicer.

Drum of 30W oil, 100 gallon fuel tank, 200 gallon gas tank with pump, 275 gallon fuel tank.

Sawed and round locust posts, grindstone, emery wheel, anvil, drill press, vise, pipe vise, tomato baskets, tobacco sucker sprayer.

Wisconsin engine with clutch, small engine, McD engine, 100' endless belt, 50' x 10" endless belt, other belts, wheelbarrow, wheelbarrow sprayer, air compressor, forks, shovels, chains.

Harness, collars, yokes, lot of single trees, 2, 3, 4, 5, 6, 7, and 8 horse hitches; 2, 3, and 4 horse spreaders; tools, dry sink, bolts, etc.

CORN HAY CORN FODDER

DAIRYING EQUIPMENT — Deutz 10-h.p. diesel, Surge S.P. 22 milker pump, just overhauled; 3 Surge milking units, buckets, strainers, double stainless tubs, milk cans, electric fencer, feed cart, etc.

Sale at 9:30 a.m. E.S.T.

Christ S. Miller
Owner

Abe Diffenbach and
Abe Diffenbach, Jr., Auctioneers
Lunch available.

Public Sale

OF FARM EQUIPMENT, HOUSEHOLD GOODS, Tools and Antiques

Thursday, Feb. 7, 1974

at 10:00 a.m. D.S.T.

On the premises located midway between Route 23 and 340 off of Route 772 at Ressler's Mill, along Stumptown Road and 1½ miles north of Bird-in-Hand, Lancaster County, Pennsylvania.

42 HOLSTEIN GRADE HEIFERS

T.B. - From calf age to 2-yrs. old, few due soon.
2-yr. old Brown Swiss Heifer, very tame.
3 Pr. SORREL MULES, 1 Odd MULE,
1 Dapple Grey HORSE.
2 pair are 6-yrs. old.

INT. 660 TRACTOR, 80-H.P.

N.H. 69 baler, Wis. VP-4 motor with PTO and clutch, NI hay conditioner nearly new, NI rotor bar rake, hay tedder, NI 5-bar rake, NI 12-ft. fertilizer drill, JD 12 grain drill, Superior 13 grain drill, JD hay fluffer, NI hay loader, ROSENTHAL 40 HUSKER & SHREDDER, Mc corn snapper, JD and Mc corn planter, JD and Mc cultivators, 2-row cultivator, weeder, JD and Mc harrows, JD 24 and 16 disc, Mc 24 disc, combination harrow and roller, cultipacker, 8-ft. culti-hoe, Mc 8-ft. grain binder, 8-ft. PTO binder, 12A manure spreader, JOHN DEERE CORN SHELLER, PTO with stacker and blower on wheels, grain blower, Oliver 16 plow, JD 14 plow, Wiard 106, JD sulky, 2 low flat wagons, dump rake, JD motor, Mc CORN BINDERS, PTO and ground drive; wood saw to fit Mc 9 and 660 tractor, Mc 7-ft. mowers, water tank on wheels, steel roller, tobacco wagons, planter, 4-row sucker sprayer, field scaffolding, hammer mill, pr. heavy wheels for NH spreader, 2-wheel carts, 1 and 2-horse spring wagons, 2 sleds, silo filler pipe, 25-ft. silage feeder, flexible power cable, fence stretcher, 6" Canadian Wood and steel posts, 12-V fencer, driving and heavy harness, hog feeders, lawn fence, IH refrigerator unit, 5, 6, 7, and 8-inch endless belts; MYERS WHEELBARROW SPRAYER, air pressure and clipper unit; field sprayer, revolving bin, pump jack, cattle oiler, shallow well jet pump, DeLaval milker pump, large meat grinder, some tools, cut-off and rip saw, 24" planner, air and gas tanks.

HOUSEHOLD GOODS and ANTIQUES

Teacher's desk, steam whistle, Maytag engine, forks, rope bed, school slate, hay knife, hatchet, barrel, butter molds, wood chest, Conestoga jack, old books, Columbian cook stove, Estate heater, meat slicer, extension table, FREON 12 refrigerator, large; rockers, dresser, Maytag washer, couch, kerosene cook stove.

Order of Sale: Small Items at barn, Household Goods, Equipment, Heifers and Mules.
Sale at 10:00 a.m. D.S.T.

Terms by
DANIEL MILLER
Box 190, R.D.1, Bird-in-Hand, Pa. 17505

Frank L. Steller, 656-9055 and
Robert E. Martin, 656-7770 - Auctioneers
Steller and Miller, Clerks
15 Free Lunch Tickets at 10:15 a m

Public Sales Register

(Continued From Page 37)

WED. FEB. 27 - 2 P.M. Henry E. Ginder Estate Public Sale of Outstanding 132-Acre Farm located along Harvest Road (turn East off Route 230 at Elizabethtown onto Elizabethtown to Manheim Road - turn north at Drumheller's Garage to first road turning east onto Harvest Road), Mt. Joy Township, Lancaster County, Pa. Terms by Henry E. Ginder Estate late of Mt. Joy Township Fulton National Bank of Lancaster, Adm. D.B.N.C.T.A. T. Glenn Horst, Auctioneer.

THURS. FEB. 28 - 10 A.M. Large Public Sale of Farm Equipment and Household Goods on the farm located 1 mile south of Biglerville, Pa. on Route No. 34 or 6 miles north of Gettysburg off the same route, turn west on Zeigler Mill Road 6-10 mile to Sale. Terms by Mrs. Joan W. March, owner, RD6, Gettysburg, Pa.; Clair R. Slaybaugh, Auctioneer.

FRI. MARCH 1 - Public Sale of Farm Equipment and Household Goods located at East End of Churchtown just off Rte. 23 behind Sauders Blacksmith Shop. Sale by Floyd Ringler; Elton Horning, Auctioneer.

SAT. MARCH 2 - Public Sale of Farm Equipment, Household Goods and Livestock located between Churchtown and Morgantown approx. 1 mile North of Rte. 23. Go north off Rte. 23 at Twin Valley Bible Chapel then first road right. Sale by Daniel S. Stoltzfus, Jr.; Elton Horning, Auctioneer.

SAT. MARCH 2 - 10 A.M. Public Sale of Farm Equipment and Household located on North Kinzer Ave., 1st lane right at the East End of New Holland. Terms by Campbell Farms Dairy; J. Everett Kreider and Carl Diller, Auctioneers.

SAT. MAR. 2 - Public Sale of Farm Equipment and Farm Crops located between Lititz and Manheim along Doe Run Road, 1 mile west of Erb's Mennonite Church. Sale by Ivan B. Zimmerman; John E. and Paul E. Martin, Auctioneers.

MON MAR. 4 - Public Sale of Farm Equipment located on Brubaker Valley Road, between Rtes. 322 and 501. Sale by Kenneth L. Siechrist; John E. and Paul E. Martin, Auctioneers.

MON. MARCH 4 - Public Sale of Complete Registered Holstein Dairy Herd located 2 miles North of Lebanon just off Rt. 343 on Heffelfinger Road. Terms by Bare Bros.; R. Austin Backus, Mexico, N. Y., Auctioneers.

TUES. MARCH 5 - 10 A.M. DST. Public Sale of Farm Implements, Livestock, and Household goods located ½ mile South of Rt. 23 in Bareville on Farmland Road. Terms by Elam Miller; Robert E. Martin and Frank E. Steller, Auctioneers.

FRI. MARCH 8 - Public Sale of Farm Equipment, Dairy Cattle and Dairy Equipment located 1 mile North of Georgetown, 5 miles South of Strasburg along Route 896. Terms by Robert Stottlemyer, owner: Ivan R. Yost and Leroy Zook, Auctioneers.

SAT. MARCH 9 - 10:30 A.M. Sharp Public Sale of Farm Machinery, Tools, Antiques, Lumber and Ear Corn located approximately ¼ mile north of Hellam-Kreutz Creek Exit of Rt. 30 by-pass, at the end of the concrete road turn left between 2 stone pillars to Twin Brook Farm. Terms by Samuel C. Cornwall, Owner, Hellam Br., York No. 11, Pa. Robert L. Sechrist, Auctioneer.

SAT. MARCH 9 - 9 A.M. 6th Annual Spring Sale by the Gordonville Fire Co. to be held at the Gordonville Fire Hall. Dishes, Horses, Hay, Straw, Farm Equipment, etc., etc. Goods sold on commission or donations. Persons wishing to donate items may call 717-687-7583. All proceeds benefit Gordonville Fire Company. Ira Stoltzfus, Wilbur Hossler and Leroy Zook, Auctioneers. Complete listing later.

SAT. MAR. 9 - Sale of Farm Equipment and Community Consignment Sale by Binkley & Hurst Bros., located just north of Rothsville. John E. and Paul E. Martin, Auctioneers.

FRI. MAR. 8 - Public Sale of Farm Equipment, Hardware and Shop Tools located 3 miles north of Churchtown, Pa. Terms by Ivan N. Hoover, Narvon, Pa. Ralph W. Horst, Auctioneer.

THURS MARCH 14 - Public Sale of Farm Equipment by Lebanon Valley Implement

(Continued On Page 39)

FOR COMPLETE SERVICE CALL
JOHN E. MARTIN
RD1, Durlach Road, Ephrata
733-3511 or
PAUL E. MARTIN
Stevens RD1, Box 561
733-3305
LICENSED AUCTIONEERS
No Sale Too Small or Large
Tents Available

CONSIGNMENT SALE

WEDNESDAY, FEBRUARY 6, 9:30 A.M.

Location: ½ mile north of Route 23 on North Maple Ave. in Leola, Lancaster Co. Pa.

Tractors, Farm Machinery, Horse Drawn Implements, New Tools, Lumber, etc., etc. We have buyers for hay and straw.

We sell on Commission.

DAVID H. GOOD
717-656-9024

F. Snyder, R. Martin, C. Wolgemuth, Auct.
Next Sale Wed., Feb. 20
Not Responsible for accidents.

PUBLIC SALE

GOOD FARM MACHINERY

1967 Chevy Truck, few household items

SATURDAY, FEB. 16, 1974

11:00 A.M.

Located 9 miles South of Lanc. off 272 at Smithville. Along Smithville Rd. Midway between Smithville and Refton. Or Southwest of Refton off 222.

706 Farmall with year round cab with heater like new, eight 100 lbs. tractor weights; Super C Farmall with cultivators & hoers, H Farmall with mounted Int. corn planter; 2 Int. 51 chuck wagons like new; heat houser for H. Farmall; tractor chains; Int 225 hay swather like new, Int. 7 ft. mounted mower; 180 bu Hawkbilt manure spreader; Int. Harvester one row corn & grass heads, New Holland elevator, No. 1 Int. one row corn picker, Int. PTO baler; 16 ft. Int rubber tire wagon, Int 56 blower also 8 in silo pipe; 16 in. Int 4 bottom plow Int transport disc, Coley cultipacker, transport 30 section spring harrow, Int. fertilizer drill, McCormick 13 disc drill; grass seeder weed sprayer, Myers V. blade, buck saw, small irrigation pipe, log chains, 2 sets double tobacco ladders; 5000 tobacco lath Minnich baler box, sizing boxes, small iron troughs, hog trough; angle iron, milk cans; oil drums & stands; 4 ft. roll of wire; rolling doors; old dump rake; two prong hay fork; iron running gears, 15-20 ft trussels; drill press, Forney ARC Welder, yale pull lift, 115 ft. cable, ½ ton chain hoist, electric heater, ventilator; 4 carts with dolly wheels, platform scales; feed carts, wheel harrow; Lanc & David Bradley chain saws; Dehorner, Int. super 98 & model 30 elec fencers, stainless steel tubs; strainer & 2 buckets; used lumber; meat bench; 982 thermo fogger fly sprayer; Koster crop tester for testing grain, approx 4 or 5 ton ear corn

½ ton '67 Chevy truck, 8 cylinder, automatic cust. body, radio, heater, good rubber, 43,000 actual miles.

Household items

Copper wash boiler; 20 cubic ft freezer, 13 cubic ft Gibson refrigerator freezer, coppertone, Guardian service cooking ware, large pressure cooker; kerosene oil heater, fruit cabinet, Dietz lantern, fan; wooden porch bench; 4 metal porch chairs; Bunting glider with cushions; shutters

Don't miss this sale, this farm machinery is in excellent condition

Not responsible for accidents day of sale.
Lunch will be served by Boehms Methodist Church

Auctioneer, Lloyd H. Kreider

Sale by
Laverne L. Mylin

PUBLIC SALE

FARM MACHINERY, TOOLS & HOUSEHOLD ITEMS

SATURDAY, FEB. 9, 1974

at 10:00 A.M. Sharp

Located approximately 1½ miles east of Exit 2 (Glen Rock exit) of Rt. 83 and about ½ mile north of the Village of Potosi in Springfield Twp., York Co., Pa. Watch for signs directing to sale.

A.C. 190 XT diesel, like new approximately 800 hours fully equipped, wide front end, large factory cab, power shift wheels & other extras; A.C. high clearance 5-16 in. bottom semi-mounted plows; A.C. 12½ ft. heavy duty transport disc; A.C. No. 56 F flail chopper; A.C. 1 row forage harvester, like new; A.C. table blower w-50 ft. of pipe; A.C. No. 100 9 ft. self propelled combine; A.C. roto-baler very good cond., A.C. No. 33 2 row mounted corn picker; A.C. side delivery rake; A.C. W.C. tractor w-bale loader; A.C. 11 disc grain drill; A.C. 4 row cultivators; J.D. 4 row corn planter; Case 4 row rotary hoe; Letz portable grinder mixer; Papec hammer mill; 50 ft. endless belt; 45 ft. & 26 ft. King-Wyse elevators; New Holland cyl. corn sheller; N.H. PTO 130 bu. manure spreader; Oliver clet-trac tractor; 2 rubber tire wagons w-false end gates & unloader unit; post hole digger w-10 & 12 in. augers; 1947 G.M.C. stake body truck; 3 wood saws; 13 x 28 tractor rim; asst. of welded pipe farm gates; ¾ in. x 90 ft. log chain; other chains; load binders; scrap iron; junk cars & machinery; piles of iron; lumber; seasoned wild cherry, sassafrass, walnut & cedar lumber; buckeye brooder stoves; lg. grindstone; blacksmith forge w-motor & regulator; store scales & wts.; metal fence posts & wire; pr. of 17 in. Chevy wheels & tires; rubber tire farm trailer; old tobacco planter; silage cart; lg. cable winch; heavy chain hoist; approximately 20 ft. of corn silage in a 12 ft. silo; etc.

Household Items & Antiques

3 pc. living room suite; end tables; dressers; chest of drawers; single bed; vanity; chairs; tables; picture frames; lamps; picnic table & benches; dishes; clothes tree; 24 & 26 in. boys bicycles; wooden plane; butcher planks; cigar molds, swing set; trolley car seat; cook stove; 2 VW doors; sauer kraut stomper; hand hewn logs; wooden pipe & other items too numerous to mention.

Terms: cash or approved check

Emory S. & Elsie R. Miller, Jr.
R.D.2
Glen Rock, Pa.

Robert L. Sechrist, Auctioneer Ph. 382-4379
John Hope Anderson, Clerk

Not responsible for accidents
Refreshments by Adult Bible Class of Hametown Lutheran Church

PUBLIC AUCTION

SATURDAY, MARCH 9, 1974

Location: At Brownstown take Rt. 772 West to Rothsville, at Rothsville turn right at White Swan Hotel onto Newport Road, then 1st road right.

COMMUNITY CONSIGNMENT SALE

If you have anything to sell on this sale that you want advertised we must have the information by FEB. 16, 1974. Please call Binkley & Hurst Bros., RD4, Lititz, Pa. 17543, Phone 717-626-4705.

John E. and Paul E. Martin, Auctioneers
717-733-3511 and 733-3305

PUBLIC SALE

THURSDAY, FEB. 21, 1974

at 10:00 a.m.

On the premises located approximately 2 miles east of Blue Ball, Lancaster County, Pa. Follow Rt. 23 to Rt. 625, go north to first crossroad which is Weaverland Road, turn right and follow sale signs to farm.

FARM EQUIPMENT

John Deere 4010 Diesel wide front-end, John Deere 1020, 700-hrs., John Deere 520, Ford 9N, John Deere 110 garden tractor with 38" mower, (all tractors fully equipped and in good cond.).

John Deere F325 4-bottom 16" hydraulic trip plow, John Deere F130 2-bottom 16" plow, John Deere front mount cultivator for 520, front rack shaft for 520, John Deere 3-pt. cultivator, John Deere KBA-32 disc harrow on wheels, Chattanooga 10-ft. roller harrow on wheels, John Deere 10-ft. hydraulic harrow, Brillion 11-ft. packer, plow packer, John Deere 38 harvester with 2-row 38" head, John Deere No. 8 harvester, Fox PTO table blower, 2 John Deere wagon with corn, silage and fodder sides, 2 false end gates and winch; John Deere No. 400 grinder-mixer, John Deere No. 10-flail chopper, Massey self-propelled picker, very good; John Deere 14T baler, New Holland No. 56 rake, John Deere No. 8-W mower, John Deere No. 32 hay conditioner, John Deere hay fluffer, John Deere 494A 4-row corn planter, John Deere 24B 3-row tool bar planter, Oliver 18 disc grain drill, John Deere 10-ft. fertilizer spreader, Sauder manure loader for 1020, New Holland No. 300 PTO manure spreader, Zimmerman 28-ft. elevator with corn chute, McCurdy corn drag, John Deere No. 900 18-ft. silo unloader, Rissler 75-ft. bunk feeder, 3 Cardinal elevators, 2 16', 1 12'; 7'x16' flat trailer with dual wheels, small silage trailer, 3-pt. box, 3-pt. sprayer, 3-pt. blade, 3-pt. crane, chisel teeth, John Deere No. 43 3-pt. PTO corn sheller, 2-hold corn sheller, 2 feed carts, Letz grinder with Ford power unit, 700-gal. water tank on wagon, Greider tobacco press with motor, electric grass seeder, 2-row rotary hoe, 4-section spike tooth harrow, platform scales, hog feeders, air compressor, air carry tank, floor drill press, GE welder, torch on cart, floor jacks, Wiard No. 106 plow, Heat houser for 520, shovel harrow, cattle rack for pick-up, tobacco lath, potato cutter, 10 chicken coops, wooden barrels, motors, fans, rope, chains, forks, shovels, pipe, lumber, iron and other items not mentioned.

Approx. 50-ton EAR CORN,
also HAY, STRAW and FODDER

HOUSEHOLD GOODS

Three good 3-piece bedroom suites, springs and mattress, four 9x12 rugs, library table, IH 16-cu.-ft. freezer, cedar wardrobe, metal wardrobe, book rack, Maytag wringer washer, Easy washer, meat grinder, electric meat slicer, porch glider, 2 porch chairs, baby crib and coach, 5 chairs, new electric blanket, 2 clothes trees, night stand, kerosene heater, gas heater, 4'x8' pool table, 100-lb. bar bell set, home-made soap, dishes and other items not mentioned.

Sale at 10:00 a.m. **Terms by**

Ammon H. Weaver
(215) 445-6296

Elton Horning, 215-286-5183 and
Paul W. Horst, Auctioneers

Order of sale: Household Goods at 10:00 a.m., small tools, hay, straw, corn approx. 11:00 a.m., followed by equipment.

Lunch by Weaverland Youth Group
Not responsible for accidents.

AUCTIONEER'S NOTE: Notice to interested buyers, this is a very fine line of Farm Equipment, and in excellent condition.

Public Sales Register

(Continued From Page 38)

Co. located 2 miles south of Myerstown along Linden Street in Richland, Pa. John E. and Paul E. Martin, Auctioneers.

THURS. MAR. 14 - Complete Dairy Dispersal and Farm Machinery Sale located South of Annville along Rte. 934. Sale by Lloyd Early; Harry H. Bachman, Auctioneer.

SAT. MARCH 16 - Public Sale of Farm Machinery Dispersal and Antiques located in North Lebanon Twp., Lebanon County , Pa. Sale by Alfred R. Brandt; Earl S. Buffenmeyer, Auctioneer.

MON. MARCH 18 - 10 A.M. Public Sale of Farm Machinery by M. M. Weaver & Sons, N. Groffdale Road, Leola, Pa. 17540

WED. MARCH 20 - Public Sale of Farm Machinery and Household Furnishings located in Bethel Twp., Berks County, Pa. Sale by David G. Mussleman, Earl S. Buffenmeyer, Auctioneer.

WED. MARCH 20 - Paul Z. Martin's Farm Equipment Sale located 2 miles East of Intercourse, Pa. along Route 340.

THURS. MARCH 21 - 10 A.M. Public Sale of Horses and Mules, Farm Equipment and Brood Sows, located along Wissler Road, ¼ miles North of Vogansville in Earl Twp., Lancaster Co., Pa. Directions - from Hinkeltown follow Farmersville Rd. South to Wissler Rd., turn left onto Wissler Road first farm on left. Sale by Weaver Auker; Paul W. Horst and Leroy S. Horst, Auctioneers.

THURS. MAR. 21 - 11 A.M. West Virginia BCIA Performance Tested Bull Sale to be held at Wardensville, West Virginia. Sale sponsored by West Virginia University, West Virginia Dept. of Agriculture and the West Virginia BCIA Program.

THURS. MARCH 21 - 11 A.M. Public Sale of Farm Equipment and Holstein Dairy Cattle located 3 miles South of Nine Points off Route 896, ½ mile east of Andrews Bridge along Creek Road, Chester Co., Penna. Sale by James C. Groff; J. Everett Kreider and Carl Diller, Auctioneers.

SAT. MARCH 23 - Public Sale of Farm Implement, located between Lititz and Manheim on Route 772. Terms by Ida Brubaker, Executrix for John S. Brubaker; Elmer Murry, Auctioneer.

WED. MAR. 27 - Public Sale of Farm Equipment located north side of Scheafferstown by Marlin Martin. John E. and Paul E. Martin, Auctioneers.

THURS. MARCH 28 - 10:00 A.M. Lea-Vista Registered Holstein Dispersal, and Milking Herd, location - Travel 8 miles south of Hershey on Rt. 322, at Campbelltown, take Rt. 117 South 3 miles, along the Lawn Road; or Rt. 743 north of Elizabethtown to Rt. 341 toward Lawn, watch for arrows. Sale by Weidler Bros., RD2, Palmyra, Pa., Owners; Carl Diller and J. Everett Kreider, Auctioneers and Pedigrees.

THURS. MARCH 28 - Public Sale of 100 head Dairy Herd Dispersal located in Millcreek Twp., Lebanon County , Pa. Sale by Robert Balsbaugh, Sr. Earl S. Buffenmeyer, Auctioneer.

MONDAY, APRIL 1, 1974 - Public Sale of Farm Machinery at Wenger Farm Machinery, Myerstown, Pa.

MON. APRIL 1 - Public Sale of Farm Machinery by Wenger's Farm Machinery, Inc., So. Race Street, Myerstown, Penna.

SAT. APRIL 6 - 9:30 A.M. C. H. Wolgemuth & Sons Annual All Day Sale located 4 miles West of Manheim, Lancaster Co., Pa. Tractors, Farm Equipment. Anything sold on Commission

SAT. APRIL 13 - 10 A.M. Sixth Annual Public Sale of the Rawlinsville Fire Co. Farm Implements, Household Goods and Antiques. Items sold on commission, Food Served. Phone 284-4362 or 284-4530.

NITE COW SALE

70 HEAD OF HOLSTEIN DAIRY CATTLE

42 COWS — 11 BRED HEIFERS
GOOD BIG STOCK BULL — 15 OPEN HEIFERS

ON FRIDAY NIGHT FEB. 8, 1974
7:30 P.M.

at the Black & White Holstein Farm, 2220 Dairy Road, Lancaster, Pa. across from the Comet Drive-in Theatre or ¼ mile west of breeding unit

Some Purebreds, mostly just fresh or due in next 2 months.
This is the entire herd of Christ Zook.

Abe Diffenbach, Auctioneer

Charles C. Myers and Park Myers, Sales Managers.

PUBLIC AUCTION

at RUDNICK'S DAIRY BARN, GALENA, MD.

SATURDAY, FEBRUARY 2, 1974
at 12:00 noon

34 REGISTERED HOLSTEIN DHIA DAIRY COWS

This grouping of 34 Registered Holstein cows are mostly artificially bred by CURTIS & MD. W. VA. DHIA herd average is about 13,000m-over 500 lbs. fat.

Featuring daughters of:

Hill Heights Baron Lad	16,539m-3.9 percent-646f
Kahl Truine Leader	16,950m-4.5 percent-765f
Irvington Admiral Scot	15,960m-3.1 percent-495f
Irvington Admiral Scot	15,400m-3.7 percent-575f
Hayland Skyliner Duke	15,790m-4 1 percent-644f
Hayland Skyliner Duke	15,640m-3.9 percent-615f
Woodbine Ivanhoe Dandy	15,730m-3 7 percent-589f

Other featured sires: Fernhame Ivanhoe Emperor, Pencor G. Ivanhoe Pabst, Harborcrest Sunshine, Romandale Reflection Marquis, Chinook Fury Hal, Md-Gaywinds Sunshiner, Emperor Duke Archie, Hickoryvale B.B. Lad, etc.

Pregnancy examined, TB and bangs accredited, retested for sale.

Consigned by: LYNCH FARM ENTERPRISES of Centreville and to be sold at HARRY RUDNICK & SONS, INC. (DAIRY BARN) GALENA, MD. JOE RUDNICK, Auctioneer

Catalogs and Lunch Available

LLOYD WENGER & CARL WENGER WANT TO TAKE THIS OPPORTUNITY TO THANK ALL THEIR CUSTOMERS AND FRIENDS FOR MAKING OUR SALE A BIG SUCCESS.

OUR NEXT SALE
WILL BE HELD
ON APRIL 1st 1974

In the meantime we will continue to serve our customers on a daily basis.

MYERSTOWN, PENNSYLVANIA 17067
25 Miles East of Harrisburg
½ Mile from
Lebanon Valley Airport

wenger's
FARM & INDUSTRIAL EQUIPMENT

TELEPHONE
(717) 866-2138

"Home of Quality"

USDA Urges Use of Code For Swine Identification

The U.S. Department of Agriculture (USDA) urged swine producers, market agencies, buying stations and packers to identify all sows and boars going to slaughter in order to help locate and eradicate swine brucellosis.

Officials of USDA's Animal and Plant Health Inspection Service (APHIS) estimate that over a million blood samples from sows and boars will be collected at slaughter plants and tested for brucellosis in the next six months. When infected animals are properly identified, they can be traced to their herd of origin. This will enable state and federal animal health officials to work with herd owners to test their animals and eliminate the disease. This provides an economical and efficient procedure for monitoring the swine population in the United States for evidence of the disease.

This method is used because the number of brucellosis-infected hogs is so low that it isn't economically feasible to test every herd of hogs in the country.

APHIS officials explain that a uniform coding system has been developed so that owners, market agencies, dealers, buying stations, and packers can identify sows and boars going to slaughter. This system utilizes a slap tattoo consisting of three letters and three numbers applied to the shoulder of the slaughter swine. The letters designate the state and market point, while the numbers are used to identify each lot or consignment. Although difficult to read on the live animal, the coded tattoo is clearly legible after the hog is slaughtered and dehaired. All market agencies, buying stations, dealers and packers are urged to cooperate with producers in the slap tattoo identification of all sows and boars.

APHIS officials estimate that swine brucellosis can be eradicated in five years or less, if all sows and boars are identified with coded tattoos and tracebacks are carried out. The present coded tattoo identification system can be used at over 9,000 buying points—more than enough to cover all states and markets.

PUBLIC SALE

SAT. FEBRUARY 9, 1974 at 2:00 P.M.

VALUABLE 52 ACRE FARM

Located along Church Rd. between Colebrook Trinity Lutheran Church and U.Z. Camp Grove. 1 mile E. of Colebrook Rd., Mt. Joy Twp., Lancaster Co. Pa. Only 15 minutes from Lebanon and Lancaster turnpike exit.

FARM WILL BE OFFERED AS A COMPLETE UNIT OR IN 3 SEPARATE TRACTS AS FOLLOWS.

TRACT NO. 1

46 Acre farm. 20 A. under cultivation, 32 A. pasture and woodland. 1½ STORY frame dwelling, elec. heat; 2 rooms on 1st floow with large modern laundry attached, new modern kitchen & living room. 2nd floor has 2 bedrooms & bath. Wash house with old furnace. 2 good wells. Bank barn, with auto waterer for steers, 8 x 35 Silo, corn crib, 3-Car garage with heat and 2nd story for storage. Also 2-car garage.

TRACT NO. 2

Located along Church Rd. Mt. Joy Twp. contains approx. 3 Acres. Corner lot, flat level land with Rd. frontage along 2 sides.

TRACT NO. 3

Located along Church and Camp Rds. in Mt. Joy Twp. contains approx. 3 acres. Also a corner lot with flat level land and Rd. frontage along 2 sides.

Farm is situated in a beautiful Country setting and has various possibilities. Farming-Riding stables-Camp sites and Developers. Has approx. 1 mile Rd. frontage. Inspection invited to view property anytime by appointment. Call 665-6433 or 665-5664.

SALE BY

MARK E. & LINDA BRANDT

E. BEILER ATTY.
C. H. WOLGEMUTH AUCT.
PH. 665-5664

Mail Box Market

For Sale - Mixed Hay mostly Timothy $40.00 per ton at barn; 100 ton corn ensilage. Phone 215-932-9500

For Sale - Alfalfa and mixed hay. Call 717-626-8877 after 5 P.M.

For Sale - Registered Collie, female 2 yrs. old; Registered German Shepherd male 4 yrs. old. Christ Kauffman, Honey Brook RD2.

For Sale - 700 bu. shelled corn. Phone 717-872-7654

For Sale - Individual plywood calf stalls. Phone 717-464-3752

For Sale - 15 tons Alfalfa and 10 ton Orchard Grass Hay. Phone 215-376-7221

For Sale - One McCulloch chain saw, 20" bar $70.00: Registered AKC Norwegian Elkhound Stud Service. J. Daniel Esh, Paradise RD1, Pa. Mt. Pleasant Road, 17562

Wanted - Dry Shelled corn delivered to Hegins, $3.00 1 bu. Phone 717-682-3991

For Sale - Aurcraft welder with V4 Wisconsin engine $100.00; Model C Sauder manure loader $50.; David Bradley ensilage cutter with pipe $50., all working condition. Aaron S. Nolt, RD1, New Holland, Pa. 17557

For Sale - AC 10' Hydraulic transpot Disc Harrow, very good, used 2 years $750. Call 9-5, 717-653-1826.

Mail Box Market

For Sale - International 37 Baler with thrower and hydraulic thrower swing, good condition. Sam Beller, 200 Maple Ave., Bird-in-Hand, Pa.

Lost - Two year old female Airedale Terrier, between Manheim and Mount Joy. Call 665-4182

For Sale - Ground bagged corn cobs $25.00 per ton FOB in 4 ton lots; 3000 ft. ¾" galvanized pipe and misc. size fittings; 250 8x10 6 lite wooden sash; 200 egg baskets; Egg-O-Matic egg graders. Call Noon Time 717-653-4264

For Sale - International 16 Harvester with corn and hay pickup heads $350. Ford 6000 Commander Diesel $1850. Call 717-548-2366

For Sale - Locust posts, will sell cheap; New Holland Super 68 baler, good condition; National 3 bottom 16" plow 3 pt. hitch. Phone 717-442-4074

For Sale - Half blood Simmental Bull, 10 mos. old. Phone 717-944-3432, Lytle Farms, Inc.

Used Meyer Snow plow model ST-84; Used tractor chains 13.9x36; Used truck chains 750x20 single, 825x20 dual. Call 717-665-2271

For Sale by owner - 122 acre dairy farm near Myerstown, large brick house, Summer house, 32 stachion barn, pig stable, concrete silo, orchard, springs, pond, and more. Call 717-866-4088

For Sale - Home grown Clover seed $75.00 a bushel; Also fire place wood $25.00 a pickup load. Daniel H. Martin, Stevens RD2, Pa. 17578 at Red Run.

Mail Box Market

For Sale - 268 New Holland baler with thrower, 3 point 3 bottom 16" Oliver Cushion action plow. Both in good condition. Phone 215-593-6036

For Sale - About 20 ton nice 1st cutting orchard grass and 10 ton mixed hay, also Farquhar saw mill. Phone 717-921-2842

Wanted - Used overhead garage door, 12 ft. wide x 7 ft. high, must be in good shape. Write to Isaac S. Fisher, Gordonville RD1, Box 31, Pa. 17529

Free - Bantams. Phone 786-7612

For Sale - Small herd mixed and Registered Suffolk sheep including an excellent Reg. Ram. Call 301-658-6975 EVE. Reasonably priced.

For Sale - Prizer cook stove excellent condition. Also 20 ton good clean straw $48.00 per ton at barn. Henry Beiler, 129 S. Maple Ave., Leola, Pa.

For Sale - Registered Holstein Bull. His Sire-Jo Jo, His Dam Tidy Gent, Dams first record 15,966M 542F, 2nd record over 21,000M and over 700F. Also 2 Holstein Grade cows with good records. Phone 717-397-0869

For Sale - Locust posts. Phone 717-456-5600

Wanted - Steel wheels for following - No. 100-14 Oliver 2 bottom trailer plow; N.H. Hay crusher 4 lugs; N. H. No. 55 hay rake; 4 wide type wheels for International No. 9 mower; Will trade or sell rubber wheels. Write to Michael R. Stoltzfus, Narvon RD2, Pa. 17555 or call 717-768-8620

(Continued On Page 41)

PHONE: 768-8231

C. B. Hoober & Son Farm Equipment

Intercourse, Pennsylvania 17534

SYMBOL OF SERVICE — INTERNATIONAL HARVESTER

JOHN BEAN SPRAYERS • ACORN BARN EQUIPMENT
ESCO MILK TANKS • LAWN & GARDEN EQUIPMENT
LISTER DIESEL ENGINES

NOTICE TO ALL CUSTOMERS

Thank you for making our annual Open House the biggest and best ever. Again we will be looking forward to your presence and the privilege of meeting each and every one of you at anytime when we can give you a little more personal attention and work out your plans for the future.

(Specialized Service) Diesel Tractors & Lister Stationary Units

(Dairy Planning Service) New & Used Bulk Tanks Lancaster Silos & Feeders

(Parts & Hardware) Large selection I.H. Parts, Acorn Cleaners, Lister Engines, John Bean Sprayers & Lawn Equipment.

(Shop Equipped) Generators, Alternators, Fuel Rations, Hyd. Flow Rotors, Sand Blasting & Painting also Tire Service.

Sincerely

C. B. Hoober

C. B. Hoober & Son

Mail Box Market

(Continued From Page 40)

Wanted - Vacuum can lift. Simeon B. King RD1, Box 137A, Kirkwood, Pa. 17536

Wanted to Buy - Honey bees, must be certified disease free. Phone 394-9930

For Sale - 300 bales of Oats straw at $43.00 a ton at the barn. Phone 717-345-3427

Private sale - Herd of 35 Registered and Grade Holsteins. Some fresh, rest due balance of the year, Phone 717-867-1849

For Sale - 8 N Ford tractor just overhauled with loader; 10 mos. old Holstein Heifer TB and Blood Tested. Phone 215-445-5475

For Sale - 400 gal. Mojonnier milk tank with 3 H.P. Brunner compressor $450, Bou-Matic vacuum pump (Model F30) with 2 H.P. motor $225. 5 universal Units. Phone 301-848-4829

For Sale - 2 story 20'x40' frame building with tin roof, excellent condition, best offer. Phone 717-626-7035

For Sale - Large Case boiler on rubber with pan, trailer, and hose. Phone 717-656-7135

For Sale - 2 DeLaval milker units, late style, price $75.00 each. Paul N. Zimmerman, East Earl RD1, Box 460, Phone 215-445-5697 mornings or evenings between 6 and 8

For Sale - AKC Alaskan Malamute pups. Jonas E. Zook, Quarryville RD3, 1 mile west of Georgetown, Pa.

For Sale - 1 cast iron bottom 8 hole hog feeder and 1 galvanized 4 hole feeder, good condition. John A. Beiler, Musser School Road, Leola, RD1, Pa.

For Sale - German Shepherd AKC; also Keenco automatic chicken feeder and bulk bin. Phone 717-653-4086

Mail Box Market

For Sale - 12,000 ready to lay pullets, locally grown. Reply Lancaster Farming Box 266B, Lititz, Pa. 17543

For Sale - 13 Holstein bull calves, weighing 300-400 lbs. Also wanted - 8 Johnson Cups. Daniel Z. Glick, Rothsville Rd., Lititz RD4.

For Sale - Steam biler, 38 flues on truck including pans. Phone 717-933-8441

For Sale - 3½ mos. old Dorset Ram lambs. High quality, many twins. Ph. 717-665-6664

For Sale - 1 used Brady stalk shredder, 12 ft. wide. Phone 717-653-1674

For Sale - Chester White and Hampshire service age boars. James T. Parlett, Airville, Pa. Phone 717-862-3610

For Sale - 1 14 can cooler in A-1 condition, also 1 6 can cooler. Henry L. Beiler, Paradise RD1, Box 326, Pa. 17562

For Sale - Registered Shropshire sheep. Rams, lambs and ewes. Large flock from which to choose. Warn Menhennett, Cochranville. Phone 215-593-5726

For Sale - Landrace and Duroc Boars and Gilts, 100 lbs. and up. Bred Gilts, purebred or Crossbred on order. Harold Mummert, 6 miles south west of York, Phone 717-741-2170

For Sale - Woolen material for braiding and hooking rugs. Also out grown boy's clothing size 14 and 16. Phone 717-626-8180

Wanted - Carpenter work. Will build houses, pole barns, cow barns, garages, or chicken houses. Write Samuel S. Lapp Christiana, Pa. Box 274, 17509 or Driver. Phone 529-2481 or 768-3624

Mail Box Market

For Sale - Chem-Stored High Moisture Corn. Phone 898-8736 or 898-2059.

For Sale - Fresh and springing registered and grade Holstein heifers. Wm. J. Windle. Phone 215-593-6143

Fox Terrier Stud Service. Phone 717-354-7186

Photographer- National advertising, weddings, brochures. Newswanger's Studio, 1028 Penn Grant Road, Lancaster Phone 717-464-2221 or 394-4219

Make reservations now for bear, moose hunting, fishing, family vacations. Winter Carnival February 7-10, snowmobiling and ice fishing. Frontier Lodge Ranch, Hunta, Ontario, Tel. 1-R-2-1, Canada Zip. POL-1PO

For Sale - 2 Surge milkers, in good condition. Wanted 4 or 6 can cooler, state price. Abram F. Stoltzfus, Locust Ave., Leola, Pa. 17540

For Sale - 1 pair 18.4x34 dual wheels; New Idea 135 bu. manure spreader; 26 Standard comfort stalls. Phone 717-548-2877

For Sale - Used cow stalls in good condition suitable for free stalls. Elam H. Stoltzfus, 182 Quarry Road, Leola, Pa.

For Sale - Tru-Test 30 gal. new hot water heater for L.P. gas $65.00. Sam J. Esh, Paradise, Pa. along Mine Road near Georgetown.

For Sale - 1 small gas engine and 1 12' wide antique grass seeder with wheel barrow drive, make offers. Call 717-656-9787

Duroc registered breeding stock and crossbred gilts for sale. Production tested and top quality bloodlines. Our herd produced champions at both the '73 State Fall Sale and '73 Keystone International Dutch Valley Farm, RD3, Manheim, Pa. Phone 717-665-6220

Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm, RD2, Strasburg, Pa. PH. Ac 717-786-2562

For Sale - Yorkshire Crossed Service age boars and bred gilts and small sizes $3.00 above market price. Ducks, Geese and Roasting Chickens and Pigs, alive or dressed. Oliver trip bottom plow 12 to 14" bottoms, good; Caloric Conservator stove for wood or coal, good. A. K. Beiler, RD3, Quarryville, Pa. Mt. Eden Church West.

Help Wanted

Mail Box Market

For Sale - 1966 Ford Galaxy 500 just inspected 289 engine $400. or best offer. Phone 717-872-6218

Wanted to buy - Small barn or brooder house. Phone 717-653-4839

For Sale - 1970 Ford F250 ¾ ton pickup, PS, PB, camper special, extras, w-1970 Franklin 11 ft. self contained camper unit, all hookups. Phone 717-273-7394

Livestock For Sale

For Sale - 20 head Gilts and Sows. Some due in 2 weeks. Also 1 purebred Duroc and Yorkshire boar. Phone 717-354-5360

For Sale - 4 yr. old carriage horse, well broke family horse. Jacob S. King, Leola RD1, Pa. 17540, Becker Road, north of Oregon.

Hampshire and Yorkshire Service Age Boars and Bred Gilts. Contact John Strawbridge, Stewartstown, Pa. 17363, Phone 301-996-2022

Wants to Buy - Red & White Holstein Calves. Kenneth D. Myer, RD3, Elizabethtown, Pa. Phone 717-367-3344.

Yorkshire service age boars - Unrelated bloodlines. Delivery Available.
LEON L. ARNOLD
Lebanon, Pa. 17042
Ph: 717-273-5880

Need Extra Income? Raise hogs on contract. Phone 717-442-4632 daytime

Wanted - Registered and Grade Holstein Heifers or sound cows which will calf within 8 weeks.
J. B. KELLER & BRO.
Mount Joy, Pa. 17552
Phone 717-653-4591

For Sale - Horned Hereford range bulls. Write or Call Lauxmont Farms, RD1, Wrightsville, Pa. Phone 717-252-1525

Help Wanted

Livestock For Sale

SPF origin Hybrids bred to meet demand of commercial producer. Excellent litter size and growth rate. Final cross is four-way cross which adds vigor and carcass quality. Jet Age Swine Breeders, Inc., Abram K. Fisher, Jr., Manager. 717-768-8378

Help Wanted

Livestock For Sale

For Sale - Registered Polled Hereford Bull, 18 mo. old. Pawnee Line. Phone 1-717-467-3940

For Sale - 60 bred Heifers due February and March. Ray Espenshade, Coudersport, Pa. Phone 814-274-9692

Help Wanted

ADVERTISING SALES POSITION

WITH LANCASTER FARMING
Car necessary. Experience helpful but not necessary.
WRITE LANCASTER FARMING,
P.O. Box 266
Lititz, Pa. 17543

TRUCK DRIVER

OPPORTUNITY FOR RIGHT PERSON
PICKUP AND DELIVERY FROM LOCAL AREAS.

- Steady Employment
- Excellent Hospitalization
- Profit Sharing

CALL 665-3511 OR APPLY IN PERSON

Plain & Fancy Egg Ranch

R.D.3 Elizabethtown, Pa.

WANTED

DEALERS and SALESMEN

LANCASTER and NEARBY COUNTIES

You can make a good profit selling Muncy Chief 200 bushel Hybrids and other seeds to Farmers and Dealers

Write for Free Catalog, Price List and other Literature also discount sheet when selling to Dealers, or Phone 717-546-5981

Mail Coupon
To MUNCY CHIEF HYBRIDS, MUNCY, PA. 17756

Name .....

Address .....

Phone ..... State .....

PUBLIC SALE

OF HOLSTEIN DAIRY COWS, HEIFERS, HORSES

HORSE-DRAWN FARM MACHINERY

WEDNESDAY, FEB. 6, 1974

On the premises located between Gap and Parkesburg, along the Strasburg Road, 1½ miles north of Christiana, Lancaster County, Pennsylvania.

30 HEAD OF HOLSTEIN DAIRY COWS

5 to freshen in February and March, 6 to freshen in Spring and Summer, balance of herd to freshen in Fall. TB and Blood Tested, Charts with each cow.

16 HEAD OF HEIFERS

3 to freshen in February, 4 to freshen in Fall, balance of heifers are open.

1 Pair of Gray WORK HORSES, 8 and 9 years old.
2 Pair of SORREL MULES, 8 and 9 years old.
These horses and mules are well broke.

FARM MACHINERY

N.H. 272 baler, N.H. crimper, N.H. 30-ft. elevator, New Idea corn picker, New Idea hay rake, 16" Papec ensilage cutter, New Idea No. 14 manure spreader, Oliver trip 2-bottom 14" plow, Oliver No. 5 corn picker, J.D. 8-ft. harrow, roller, J.D. 24 disc harrow, M.C. horse-drawn cultivator, M.C. ensilage cutter, 3 flat wagons, 1 with 18' bed, 2 with 16' beds; 2 fore carts, one with brake; 8-row sprayer, tobacco planter, wheelbarrow, Lincoln 225 welder, 2 bale boxes, Napsack sprayer, tobacco spears, grease gun and pump, platform scales, tobacco lath, 2 12-volt fencers, one electric; Wisconsin 8-h.p. motor, feed carts, 6 sets of work harness, collars, bridles, 1, 2, 3 and 4-horse hitches; M.C. corn planter, M.C. 9-ft. grass mower.

No. 74 DeLaval milker pump, two Corde milker units, (new type), 2 Stainless steel strainers, stainless steel wash tubs, carrying buckets, Kesco dumping station (12-volt).

Approximately 40 ton EAR CORN
Sale at 11:30 a.m. D.S.T.

Terms by
BENJAMIN L. GLICK
LEROY ZOOK, Auctioneer

Lunch available.
Not responsible for accidents.

STEADY WINTER WORK

HELP US SLAUGHTER HOGS

Good Pay.
Good working conditions. We are growing and need butchers, meat cutters, kitchen, smokehouse and general labor.

EZRA W. MARTIN CO.

1625 Old Phila. Pike
Lancaster, Pa.
Phone 717-397-5116

HELP WANTED

Person to work full time in feed mill.
Job requires a person who is dependable and accurate. Hospitalization and paid vacation provided.

GEORGE M. ANTHONY & SONS

Strausstown, Pa.
Phone 215-488-6211

WANTED

3 Men To Package
Small Bags Fertilizer
Steady Work
Men 18 Years and Older

A. H. HOFFMAN, INC.

Landisville, Pa. 17538
Call 898-2461

NEVIN N. MYER & SON, INC.

RD1, Chester Springs, Pa. 19425
Rt. 401, East of Rt. 100

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All tanks include compressors
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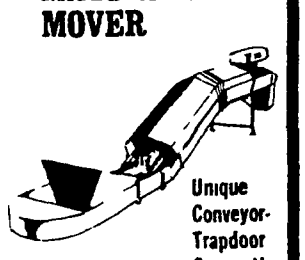

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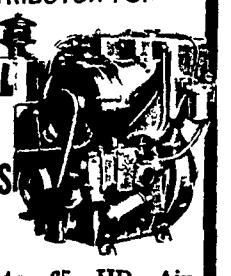

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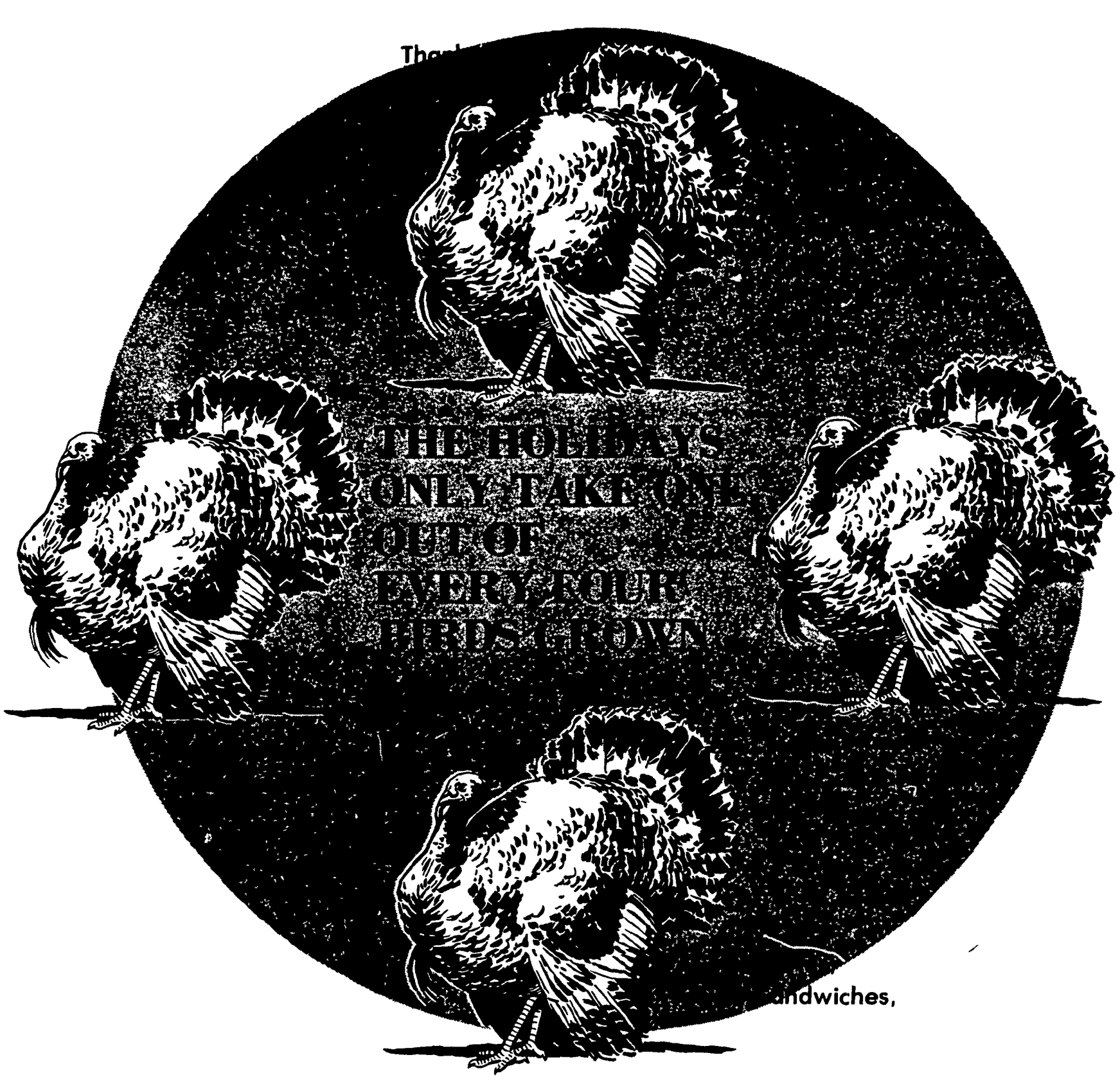

Only a small number of turkeys grown end up as a holiday dinner. All the others help celebrate weddings, birthdays, anniversaries and all those other occasions. Any day is good turkey eating.

Turkeys are a booming business and the demand for local grown birds is better than ever.

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